					MENT OF N	<b>OF UTAH</b> ATURAL RESO , GAS AND M				AMENDED RE	FORM 3 PORT	•
		APPL	ICATION FOR P	ERMIT TO DRI	LL				1. WELL NAME and NU	IMBER e Tribal 12-28-4	4-2E	
2. TYPE OF		RILL NEW WELL (	REENTER P&A	WELL DE	EPEN WELL (	)			3. FIELD OR WILDCAT	LELAND BENCH	1	
4. TYPE OF \	WELL	Oil W	/ell Coalbed	Methane Well: N	10				5. UNIT or COMMUNIT	IZATION AGRE	EMENT N	AME
6. NAME OF	OPERATOR	N	EWFIELD PRODUCT	ON COMPANY					7. OPERATOR PHONE	435 646-4825	5	
8. ADDRESS	OF OPERATOR	F	Rt 3 Box 3630 . Myte	on. UT. 84052					9. OPERATOR E-MAIL	rozier@newfield	l.com	
	13. NAME OF SURFACE OWNER (if box 12 = 'fee') Deep Creek Investments  15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 2400 Sunnyside Ave, Salt Lake City, UT 84108  17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')  18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES (Submit Commingling Application) No Submit Comming (Submit Comming Application) No Submit Comming (Submit Comming Application) No Submit Comming Application)  18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES (Submit Comming Application) No Submit Comming Application) No Submit Comming Application (Submit Comming Application (Submit Comming Application) No Submit Comming Application (Submit Comming Application (Submit Comming Application) No Submit Comming Application (Submit Comming Application (Submit Comming Application (Submit Comming Application (Submit						) FEE	- I	12. SURFACE OWNERS	SHIP	ATE (	FEE (a)
13. NAME O				estments					14. SURFACE OWNER	PHONE (if box 801-322-1235		
15. ADDRES	S OF SURFACE (	DWNER (if box 12	= 'fee')		100				16. SURFACE OWNER			)
17 INDIAN ALL OTTEF OR TRIBE NAME 18. INTEND TO COMMINGLE PRODUCTION FROM 19. SLANT												
				C 1		igling Applicati	on) NO ႃ 🏻		VERTICAL DIR	RECTIONAL 📵	HORIZO	NTAL 🔵
20. LOCATI	ION OF WELL		FOO	TAGES	Q	TR-QTR	SECTIO	ON	TOWNSHIP	RANGE		MERIDIAN
LOCATION	AT SURFACE		2091 FSL	2204 FWL		NESW	28		4.0 S	2.0 E		U
Top of Upp	permost Producir	ng Zone	1980 FSL	. 660 FWL		NWSW	28		4.0 S	2.0 E		U
At Total De	epth		1980 FSL	660 FWL		NWSW	28		4.0 S	2.0 E		U
21. COUNTY		NTAH	2	2. DISTANCE TO			eet)		23. NUMBER OF ACRE	S IN DRILLING 40	UNIT	
					lling or Com	npleted)	POOL		26. PROPOSED DEPTI MD	<b>i</b> : 7082 TVD:	6884	
27. ELEVAT	ION - GROUND LI	EVEL	2	8. BOND NUMBI	•				29. SOURCE OF DRILL WATER RIGHTS APPR		IF APPLICA	ARI F
		5084				0010462				437478		
						Cement Info						
String	Hole Size	Casing Size		Weight		& Thread	Max	Mud W		Sacks	Yield	Weight
SURF	12.25	8.625	0 - 500	24.0		55 ST&C		8.3	Class G	203	1.17	15.8
PROD	7.875	5.5	0 - 7082	17.0	N-8	30 LT&C	-	9.0	35/65 Poz 50/50 Poz		3.5 1.35	11.0
	<u> </u>	<u> </u>			ATTAC	HMENTS			00/00102	. 002	1.00	11.0
	VERIFY	THE FOLLOWI	NG ARE ATTACH	IED IN ACCOR	DANCE W	ITH THE UTA	AH OIL AND	GAS	CONSERVATION G	ENERAL RUL	ES	
<b>W</b> EL	L PLAT OR MAP P	REPARED BY LIC	ENSED SURVEYOR	OR ENGINEER		<b>№</b> сом	PLETE DRILI	LING PL	AN			
AFFII	DAVIT OF STATUS	OF SURFACE OW	VNER AGREEMENT	(IF FEE SURFAC	E)	FORM	5. IF OPER	ATOR IS	OTHER THAN THE LE	ASE OWNER		
<b>☑</b> DIRE	CTIONAL SURVE	Y PLAN (IF DIREC	TIONALLY OR HOR	IZONTALLY DRI	LLED)	торо	GRAPHICAL	MAP				
NAME Man	die Crozier			TITLE Regul	atory Tech			PHON	IE 435 646-4825			
SIGNATURE	E			DATE 02/25	5/2014			EMAII	L mcrozier@newfield.c	om		
	er assigned 1754309000	00		APPROVAL				B	00.64.JU			
								Per	mit Manager			

# Newfield Production Company Ute Tribal 12-28-4-2E

Surface Hole Location: NE/SW Section 28, T4S, R2E Bottom Hole Location: NW/SW Section 28, T4S, R2E Uintah County, UT

#### **Drilling Program**

#### 1. Formation Tops

Uinta	surface
Green River	1,985'
Wasatch	6,585'
TD (TVD)	6,884'
TD (MD)	7,082'

## 2. Depth to Oil, Gas, Water, or Minerals

Green River 1,985' - 6,585' Wasatch 6,585' - TD

Fresh water may be encountered in the Uinta Formation, but is not expected below about 944'.

#### 3. Pressure Control

Section BOP Description

Surface 12-1/4" diverter bowl

Production The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc

for a 3M system.

A 3M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 3,000 psi will be used.

#### 4. Casing

Description	Interval		Weight	Grade	Coup	Pore Press @	MW @	Frac Grad	Safety Factors		
Description	Тор	Bottom	(ppf)	Grade	Coup	Shoe	Shoe	@ Shoe	Burst	Collapse	Tension
Surface	0'	500'	24	J-55	STC	8.33	8.4	12	2,950	1,370	244,000
8 5/8	U	300	24	<b>J</b> -33	SIC	0.33	0.4	12	10.52	8.51	20.33
Production	0'	7 0921	17	N-80	LTC	8.8	9		7,740	6,290	348,000
5 1/2	U	0' 7,082'	17	14-00	LIC	0.0	9		3.14	2.48	2.89

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

Up to 20' of conductor drive pipe may be used, minimum diameter 13 3/8"

#### 5. Cement

Tab	Hole Size	Fill	Cl	ft <sup>3</sup>	OH	Weight	Yield
Job	Hole Size	FIII	Slurry Description	sacks	OH excess	(ppg)	(ft <sup>3</sup> /sk)
Surface	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello	237	15%	15.8	1.17
	12 1/4	300	Flake	203	15%	13.8	1.17
Production	7 7/8	4,495'	35/65 Poz/Type II + 5% Bentonite	896	15%	11.0	3.5
Lead	7 7/6	4,493	33/03 F02/Type II + 3% Bentonite	256	1370	11.0	3.3
Production	7 7/8	2,587'	50/50 Dog/Tyma H	515	15%	14.0	1.35
Tail	7 7/8	2,367	50/50 Poz/Type II	382	13%	14.0	1.55

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 15% excess.

#### 6. Type and Characteristics of Proposed Circulating Medium

#### **Interval**

#### Description

Surface - 500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. A diverter bowl will be used in place of a rotating head. Water will be on location to be used as kill fluid, if necessary.

500' - TD

A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

Anticipated maximum mud weight is 9.0 ppg.

#### 7. Logging, Coring, and Testing

Logging:

A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A Gamma Ray log will be run from TD to surface. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

#### 8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.46 psi/ft gradient.

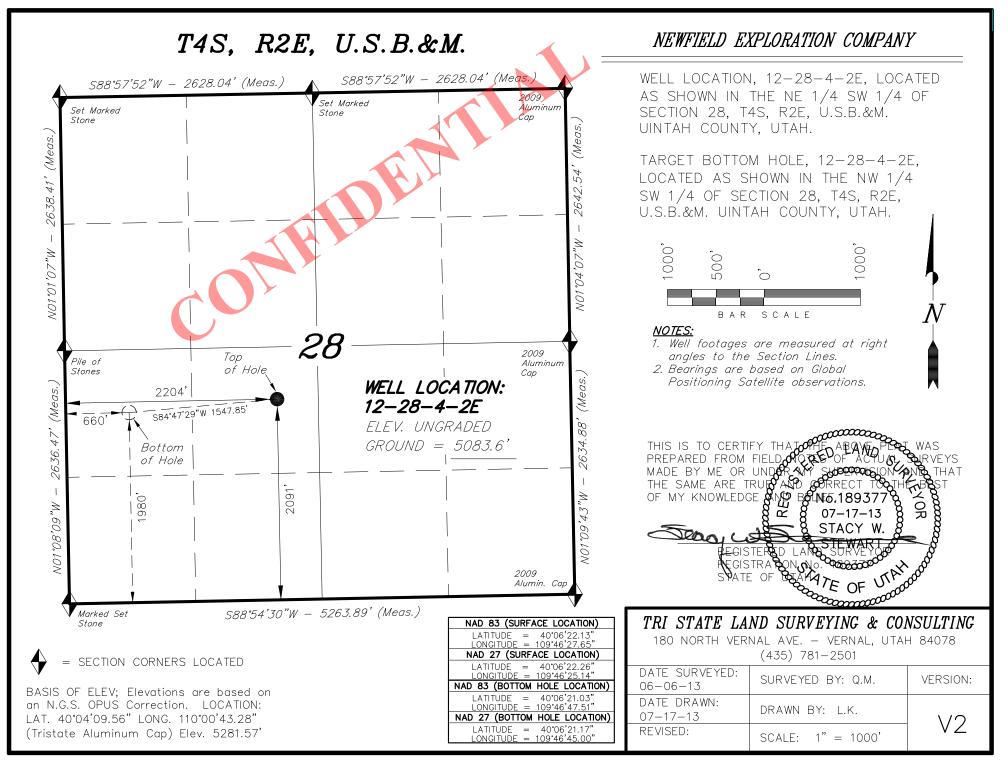
$$6,884' \text{ x} \quad 0.46 \quad psi/ft = 3150 \quad psi$$

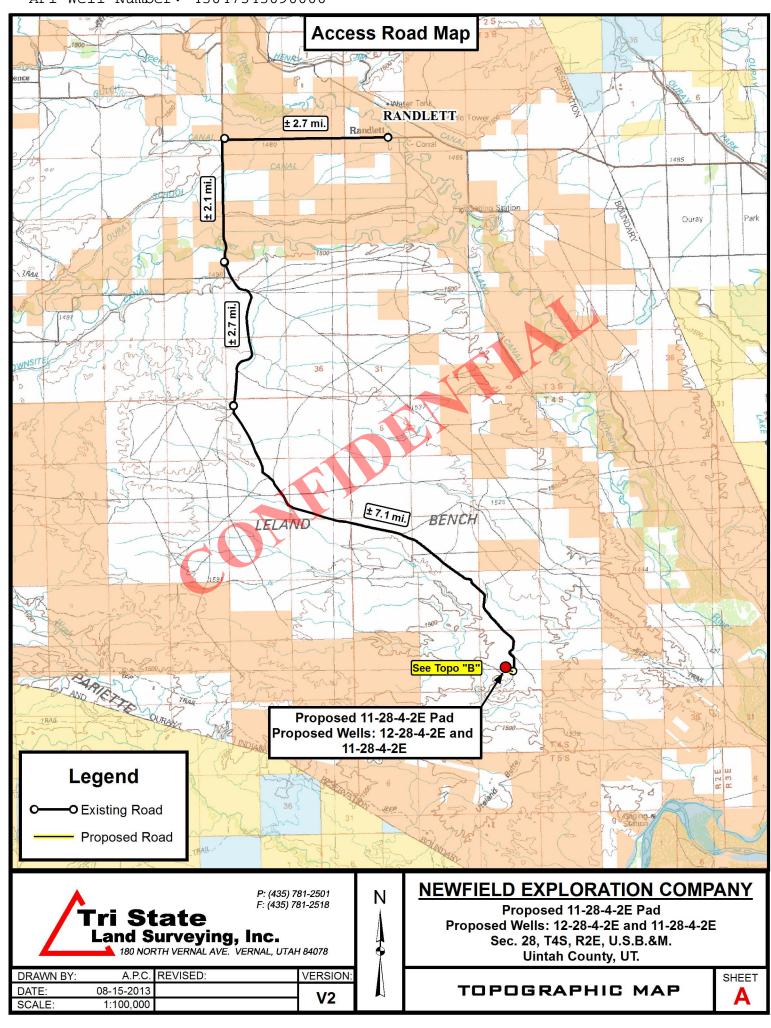
No abnormal temperature is expected. No  $H_2S$  is expected.

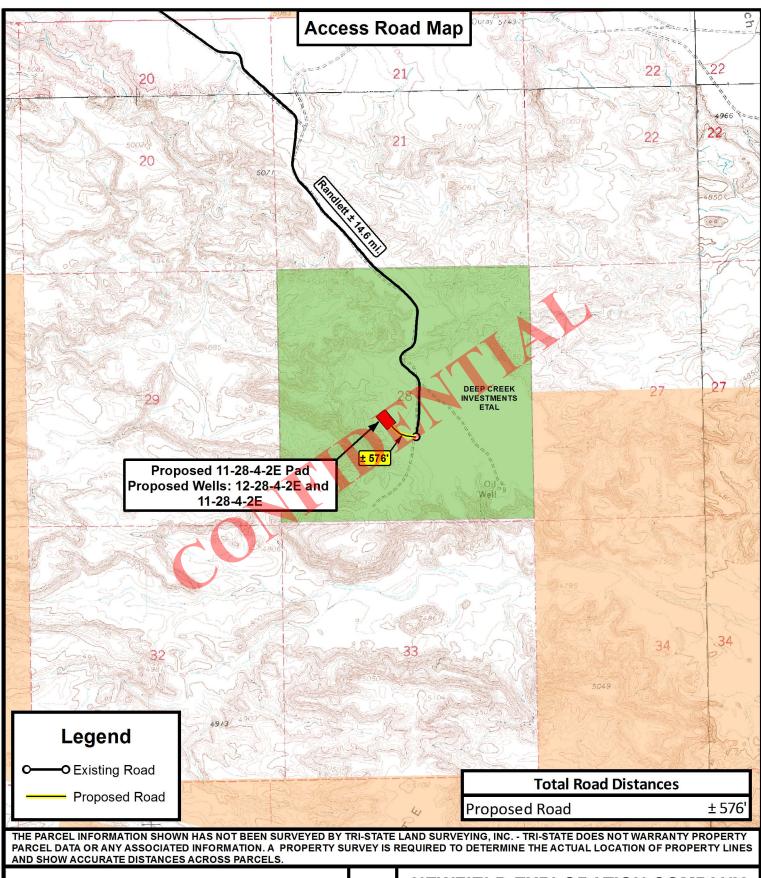
# 9. Other Aspects

This is planned as a directional well. A directional plan will be included. Newfield requests the following Variances from Onshore Order # 2:

Variance from Onshore Order 2, III.E.1
 Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0









P: (435) 781-2501 F: (435) 781-2518

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🛕 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

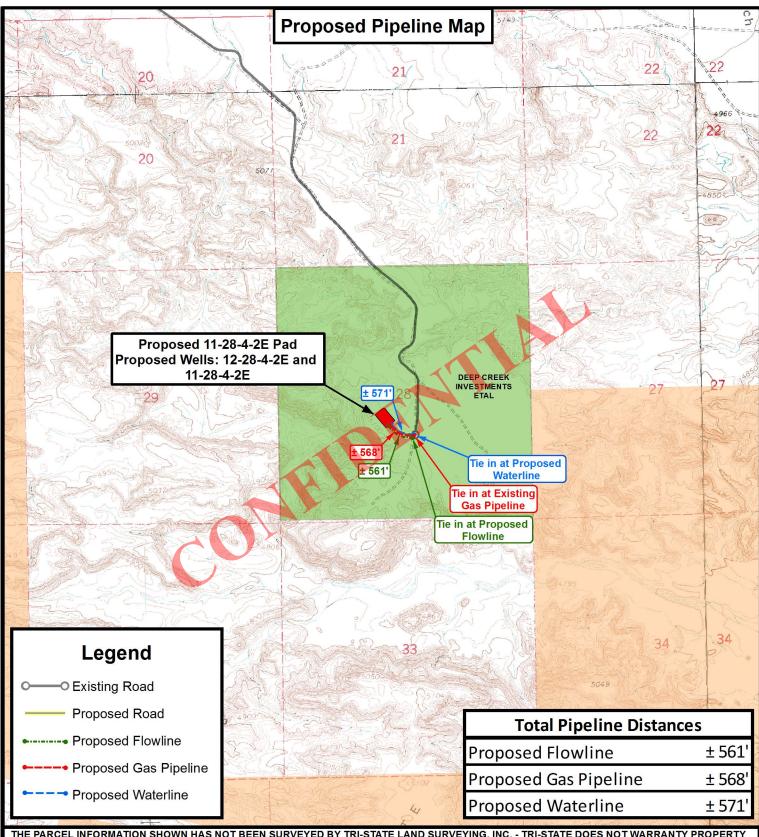
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	08-15-2013		V2
SCALE:	1 " = 2,000 '		٧Z

# **NEWFIELD EXPLORATION COMPANY**

Proposed 11-28-4-2E Pad Proposed Wells: 12-28-4-2E and 11-28-4-2E Sec. 28, T4S, R2E, U.S.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP





THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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P: (435) 781-2501 F: (435) 781-2518

📐 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

DRAWN BY:	A.P.C.	REVISED:	<b>VERSION</b> :
DATE:	08-15-2013		V/2
SCALE:	1 " = 2,000 '		V2

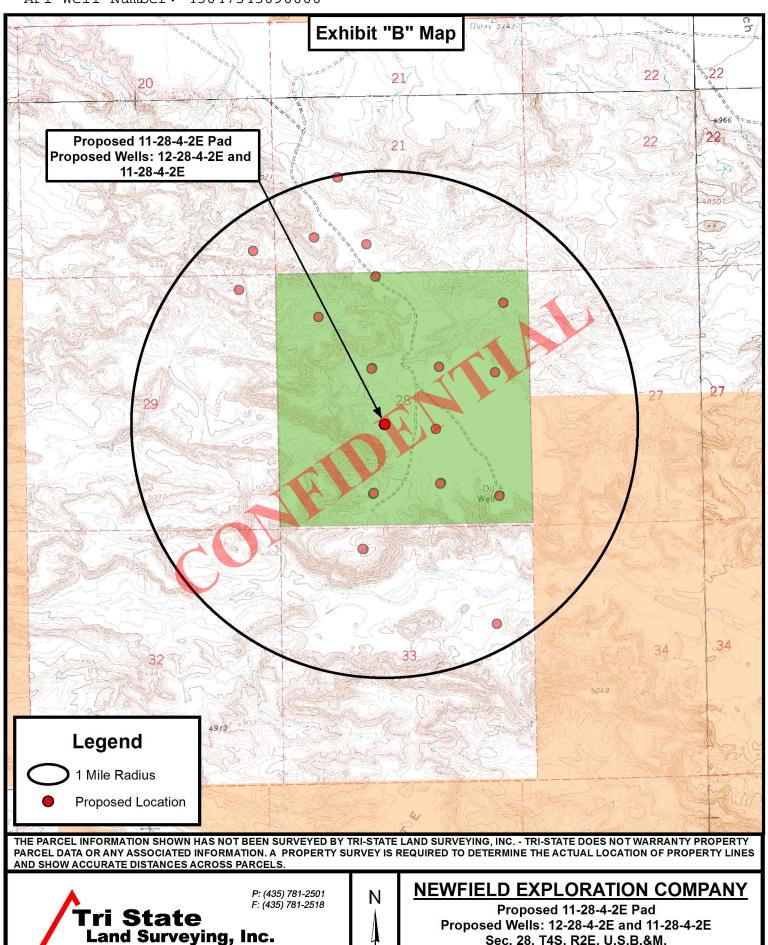
# **NEWFIELD EXPLORATION COMPANY**

Proposed 11-28-4-2E Pad Proposed Wells: 12-28-4-2E and 11-28-4-2E Sec. 28, T4S, R2E, U.S.B.&M. **Uintah County, UT.** 

TOPOGRAPHIC MAP

SHEET





👠 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 A.P.C. REVISED: DRAWN BY: VERSION DATE: 08-15-2013 V2 SCALE 1 " = 2,000

Sec. 28, T4S, R2E, U.S.B.&M. **Uintah County, UT.** 

TOPOGRAPHIC MAP



	Coordina	te Report	
Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
12-28-4-2E	Surface Hole	40° 06' 22.13" N	109° 46' 27.65" W
11-28-4-2E	Surface Hole	40° 06' 22.11" N	109° 46' 27.38" W
12-28-4-2E	Bottom of Hole	40° 06' 21.03" N	109° 46' 47.51" W
Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
12-28-4-2E	Surface Hole	40.106147	109.774347
11-28-4-2E	Surface Hole	40.106141	109.774272
12-28-4-2E	Bottom of Hole	40.105843	109.779865
Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters
12-28-4-2E	Surface Hole	4440258.413	604460.568
11-28-4-2E	Surface Hole	4440257.818	604467.005
12-28-4-2E	Bottom of Hole	4440218.195	603990.750
Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
12-28-4-2E	Surface Hole	40° 06' 22.26" N	109° 46' 25.14" W
11-28-4-2E	Surface Hole	40° 06' 22.24" N	109° 46' 24.87" W
12-28-4-2E	Bottom of Hole	40° 06' 21.17" N	109° 46' 45.00" W
		415	
Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
12-28-4-2E	Surface Hole	40.106184	109.773649
11-28-4-2E	Surface Hole	40.106178	109.773574
12-28-4-2E	Bottom of Hole	40.105880	109.779167
Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters
12-28-4-2E	Surface Hole	4440053.099	604522.720
11-28-4-2E	Surface Hole	4440052.504	604529.157
12-28-4-2E	Bottom of Hole	4440012.881	604052.905



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# **NEWFIELD EXPLORATION COMPANY**

Proposed 11-28-4-2E Pad Proposed Wells: 12-28-4-2E and 11-28-4-2E Sec. 28, T4S, R2E, U.S.B.&M. Uintah County, UT.

A.P.C. REVISED: DRAWN BY: DATE: 08-15-2013 /ERSION:

COORDINATE REPORT

SHEET



# **NEWFIELD EXPLORATION**

USGS Myton SW (UT) SECTION 28 T4S, R2E 12-28-4-2E

Wellbore #1

Plan: Design #1

Standard Planning Report

20 February, 2014





#### **Payzone Directional**

**Planning Report** 



Database:EDM 5000.1 Single User DbCompany:NEWFIELD EXPLORATIONProject:USGS Myton SW (UT)Site:SECTION 28 T4S, R2E

 Well:
 12-28-4-2E

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well 12-28-4-2E

12-28-4-2E @ 5094.0usft (PLAN) 12-28-4-2E @ 5094.0usft (PLAN)

True

Minimum Curvature

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System: US State Plane 1983

Geo Datum: North American Datum 1983

Map Zone: Utah Central Zone

Mean Sea Level

Site SECTION 28 T4S, R2E

Northing: 7,210,608.43 usft Site Position: Latitude: 40° 6' 7.980 N From: Lat/Long Easting: 2,122,856.37 usft Longitude: 109° 46' 30.600 W Grid Convergence: **Position Uncertainty:** 0.0 usft Slot Radius: 13-3/16 " 1.10°

System Datum:

Well 12-28-4-2E, SHL: 40° 6' 22.130 -109° 46' 27.650

 Well Position
 +N/-S
 1,431.7 usft
 Northing:
 7,212,044.32 usft
 Latitude:
 40° 6' 22.130 N

 +E/-W
 229.2 usft
 Easting:
 2,123,057.92 usft
 Longitude:
 109° 46' 27.650 W

Position Uncertainty 0.0 usft Wellhead Elevation: 5,094.0 usft Ground Level: 5,084.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2010	2/20/2014	10.86	65.83	52,081

Design	Design #1					
Audit Notes:		7				
Version:		Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:		Depth From (TVD)	+N/-S	+E/-W	Direction	
		(usft)	(usft)	(usft)	(°)	
		0.0	0.0	0.0	265.88	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,598.7	14.98	265.88	1,587.3	-9.3	-129.5	1.50	1.50	-9.43	265.88	
7,081.7	14.98	265.88	6,884.0	-111.2	-1,543.0	0.00	0.00	0.00	0.00	12-28-4-1E TGT



# **Payzone Directional**

Planning Report



Database: EDM 5000.1 Single User Db Company: NEWFIELD EXPLORATION Project: USGS Myton SW (UT) Site: SECTION 28 T4S, R2E

 Well:
 12-28-4-2E

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

**Survey Calculation Method:** 

Well 12-28-4-2E

12-28-4-2E @ 5094.0usft (PLAN) 12-28-4-2E @ 5094.0usft (PLAN)

True

Minimum Curvature

gn:	Design #1								
nned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
		0.00	000.0	0.0	0.0	0.0	0.00	0.00	0.00
	.50 TFO 265.88	005.00	700.0	0.4	4.0		4.50	4.50	0.00
700.0	1.50	265.88	700.0	-0.1	-1.3	1.3	1.50	1.50	0.00
800.0	3.00	265.88	799.9	-0.4	-5,2	5.2	1.50	1.50	0.00
900.0	4.50	265.88	899.7	-0.8	-11.7	11.8	1.50	1.50	0.00
1,000.0	6.00	265.88	999.3	-1.5	-20.9	20.9	1.50	1.50	0.00
	7.50				-32.6	32.7			
1,100.0		265.88	1,098.6	-2.3			1.50	1.50	0.00
1,200.0	9.00	265.88	1,197.5	-3.4	-46.9	47.0	1.50	1.50	0.00
1,300.0	10.50	265.88	1,296.1	-4.6	-63.8	64.0	1.50	1.50	0.00
1,400.0	12.00	265.88	1,394.2	-6.0	-83.3	83.5	1.50	1.50	0.00
1,500.0	13.50	265.88	1,491,7	-7.6	-105.3	105.5	1.50	1.50	0.00
		265.88	1,587.3	-9.3	-129.5	129.8		1.50	0.00
1,598.7	14.98		1;307.3	-9.3	-129.5	129.6	1.50	1.50	0.00
	) hold at 1598.7 N								
1,600.0	14.98	265.88	1,588.6	-9.4	-129.8	130.2	0.00	0.00	0.00
1,700.0	14.98	265.88	1,685.2	-11.2	-155.6	156.0	0.00	0.00	0.00
1,800.0	14.98	265.88	1,781.8	-13.1	-181.4	181.8	0.00	0.00	0.00
4 000 0	44.00	207 22			007.0	007.7	0.00	0.00	0.00
1,900.0	14.98	265.88	1,878.4	-14.9	-207.2	207.7	0.00	0.00	0.00
2,000.0	14.98	265.88	1,975.0	-16.8	-232.9	233.5	0.00	0.00	0.00
2,100.0	14.98	265.88	2,071.6	-18.7	-258.7	259.4	0.00	0.00	0.00
2,200.0	14.98	265.88	2,168.2	-20.5	-284.5	285.2	0.00	0.00	0.00
2,300.0	14.98	265.88	2,264.8	-22.4	-310.3	311.1	0.00	0.00	0.00
0.400.0	44.00	205.00	0.004.4		220.4	220.0	0.00	0.00	0.00
2,400.0	14.98	265.88	2,361.4	-24.2	-336.1	336.9	0.00	0.00	0.00
2,500.0	14.98	265.88	2,458.0	-26.1	-361.8	362.8	0.00	0.00	0.00
2,600.0	14.98	265.88	2,554.6	-27.9	-387.6	388.6	0.00	0.00	0.00
2,700.0	14.98	265.88	2,651.2	-29.8	-413.4	414.5	0.00	0.00	0.00
2,800.0	14.98	265.88	2,747.8	-31.7	-439.2	440.3	0.00	0.00	0.00
0.000.0		005.00	0.044.4		405.0	400.0	0.00		0.00
2,900.0	14.98	265.88	2,844.4	-33.5	-465.0	466.2	0.00	0.00	0.00
3,000.0	14.98	265.88	2,941.0	-35.4	-490.7	492.0	0.00	0.00	0.00
3,100.0	14.98	265.88	3,037.6	-37.2	-516.5	517.9	0.00	0.00	0.00
3,200.0	14.98	265.88	3,134.2	-39.1	-542.3	543.7	0.00	0.00	0.00
3,300.0	14.98	265.88	3,230.8	-41.0	-568.1	569.6	0.00	0.00	0.00
0.400.0	44.00	205.00			F00.0	FOF 4	0.00	0.00	
3,400.0	14.98	265.88	3,327.4	-42.8	-593.9	595.4	0.00	0.00	0.00
3,500.0	14.98	265.88	3,424.0	-44.7	-619.7	621.3	0.00	0.00	0.00
3,600.0	14.98	265.88	3,520.7	-46.5	-645.4	647.1	0.00	0.00	0.00
3,700.0	14.98	265.88	3,617.3	-48.4	-671.2	673.0	0.00	0.00	0.00
3,800.0	14.98	265.88	3,713.9	-50.3	-697.0	698.8	0.00	0.00	0.00
3,900.0	14.00	265.00	3,810.5	-52.1	700.0	7047	0.00	0.00	0.00
,	14.98	265.88			-722.8	724.7	0.00		
4,000.0	14.98	265.88	3,907.1	-54.0	-748.6	750.5	0.00	0.00	0.00
4,100.0	14.98	265.88	4,003.7	-55.8	-774.3	776.3	0.00	0.00	0.00
4,200.0	14.98	265.88	4,100.3	-57.7	-800.1	802.2	0.00	0.00	0.00
4,300.0	14.98	265.88	4,196.9	-59.5	-825.9	828.0	0.00	0.00	0.00
4 400 0	14.00	265.00	4 202 E	64.4	054 7	052.0	0.00	0.00	0.00
4,400.0	14.98	265.88	4,293.5	-61.4	-851.7	853.9	0.00	0.00	0.00
4,500.0	14.98	265.88	4,390.1	-63.3	-877.5	879.7	0.00	0.00	0.00
4,600.0	14.98	265.88	4,486.7	-65.1	-903.2	905.6	0.00	0.00	0.00
4,700.0	14.98	265.88	4,583.3	-67.0	-929.0	931.4	0.00	0.00	0.00
4,800.0	14.98	265.88	4,679.9	-68.8	-954.8	957.3	0.00	0.00	0.00
4 000 0	14.00	265.00	4 776 E	70.7	000.6	002.4	0.00	0.00	0.00
4,900.0	14.98	265.88	4,776.5	-70.7	-980.6	983.1	0.00	0.00	0.00
5,000.0	14.98	265.88	4,873.1	-72.6	-1,006.4	1,009.0	0.00	0.00	0.00



Wellbore:

# **Payzone Directional**

Planning Report



Database: EDM 5000.1 Single User Db Company: NEWFIELD EXPLORATION Project: USGS Myton SW (UT) Site: SECTION 28 T4S, R2E Well: 12-28-4-2E

12-28-4-2E Wellbore #1 Design #1 Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

**Survey Calculation Method:** 

Well 12-28-4-2E

12-28-4-2E @ 5094.0usft (PLAN) 12-28-4-2E @ 5094.0usft (PLAN)

True

Minimum Curvature

esign:	Design #1								
Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)		+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,100.0	14.98	265.88	4,969.7	-74.4	-1,032.1	1,034.8	0.00	0.00	0.00
5,200.0	14.98	265.88	5,066.3	-76.3	-1,057.9	1,060.7	0.00	0.00	0.00
5,300.0	14.98	265.88	5,162.9	-78.1	-1,083.7	1,086.5	0.00	0.00	0.00
5,400.0	14.98	265.88	5,259.5	-80.0	-1,109.5	1,112.4	0.00	0.00	0.00
5,500.0	14.98	265.88	5,356.1	-81.8	-1,135.3	1,138.2	0.00	0.00	0.00
5,600.0	14.98	265.88	5,452.7	-83.7	-1,161.1	1,164.1	0.00	0.00	0.00
5,700.0	14.98	265.88	5,549.3	-85.6	-1,186.8	1,189.9	0.00	0.00	0.00
5,800.0	14.98	265.88	5,645.9	-87.4	-1,212.6	1,215.8	0.00	0.00	0.00
5,900.0	14.98	265.88	5,742.5	-89.3	-1,238.4	1,241.6	0.00	0.00	0.00
6,000.0	14.98	265.88	5,839.1	-91.1	-1,264.2	1,267.5	0.00	0.00	0.00
6,100.0	14.98	265.88	5,935.7	-93.0	-1,290.0	1,293.3	0.00	0.00	0.00
6,200.0	14.98	265.88	6,032.3	-94.9	-1,315.7	1,319.2	0.00	0.00	0.00
6,300.0	14.98	265.88	6,128.9	-96.7	-1,341.5	1,345.0	0.00	0.00	0.00
6,400.0	14.98	265.88	6,225.5	-98.6	-1,367.3	1,370.8	0.00	0.00	0.00
6,500.0	14.98	265.88	6,322.1	-100.4	-1,393.1	1,396.7	0.00	0.00	0.00
6,600.0	14.98	265.88	6,418.7	-102.3	-1,418.9	1,422.5	0.00	0.00	0.00
6,700.0	14.98	265.88	6,515.3	-104.2	-1,444.6	1,448.4	0.00	0.00	0.00
6,800.0	14.98	265.88	6,611.9	-106.0	-1,470.4	1,474.2	0.00	0.00	0.00
6,900.0	14.98	265.88	6,708.5	-107.9	-1,496.2	1,500.1	0.00	0.00	0.00
7,000.0	14.98	265.88	6,805.1	-109.7	-1,522.0	1,525.9	0.00	0.00	0.00
7,081.7	14.98	265.88	6,884.0	-111.2	-1,543.0	1,547.0	0.00	0.00	0.00
TD at 7081.7		4	>						

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
12-28-4-1E TGT - plan hits target cen - Circle (radius 75.0)		0.00	6,884.0	-111.2	-1,543.0	7,211,903.33	2,121,517.32	40° 6' 21.030 N	109° 46' 47.510 W

Plan Annotations					
Measured Vertica		Vertical	al Local Coordinates		
	epth	Depth	+N/-S	+E/-W	
(1	usft)	(usft)	(usft)	(usft)	Comment
	600.0	600.0	0.0	0.0	Start DLS 1.50 TFO 265.88
	1,598.7	1,587.3	-9.3	-129.5	Start 5483.0 hold at 1598.7 MD
	7,081.7	6,884.0	-111.2	-1,543.0	TD at 7081.7

API Well Number: 43047543090000 Project: USGS Myton SW (UT)



Site: SECTION 28 T4S, R2E

Well: 12-28-4-2E Wellbore: Wellbore #1 Design: Design #1

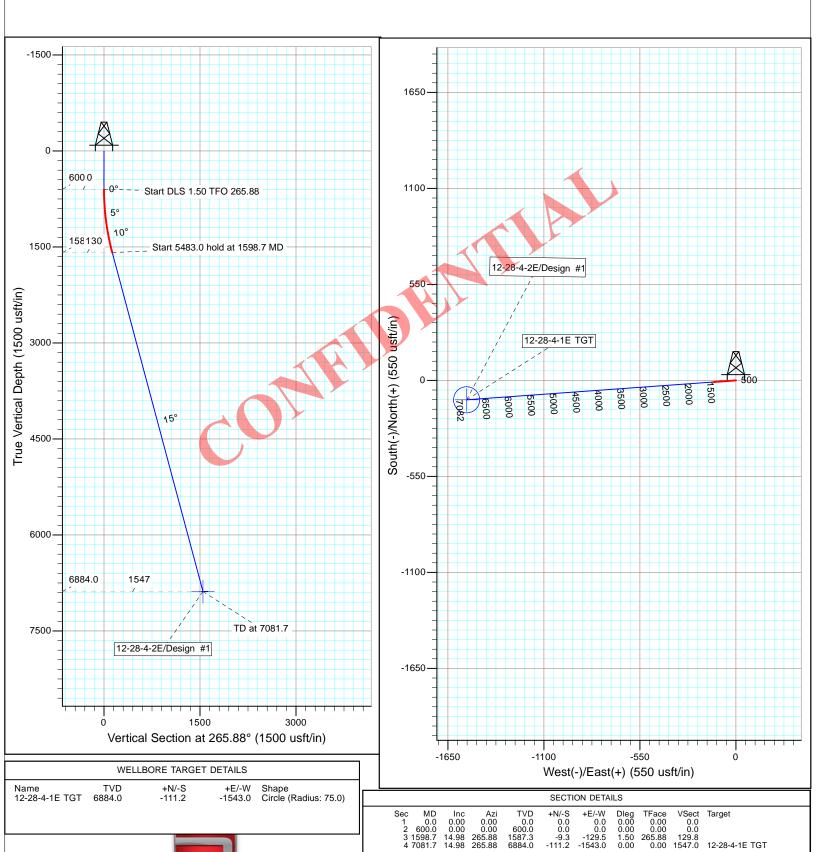
KOP @ 600' DOGLEG RATE 1.5 DEG/100 TARGET RADIUS IS 75'



Azimuths to True North Magnetic North: 10.86°

Magnetic Field Strength: 52081.4snT Dip Angle: 65.83° Date: 2/20/2014 Model: IGRF2010

129.8 1547.0 12-28-4-1E TGT





## AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

Peter Burns personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

- 1. My name is Peter Burns. I am a Landman for Newfield Production Company, whose address is 1001 17<sup>th</sup> Street, Suite 2000, Denver, CO 80202 ("Newfield").
- 2. Newfield is the Operator of the proposed <u>UT 11-28-4-2E</u> and <u>UT 12-28-4-2E</u> wells both to be drilled from a surface location positioned in the NESW of Section 28, Township 4 South, Range 2 East, Uintah County, Utah (the "Drillsite" Location"). The surface owner of the Drillsite Location is Deep Creek Investments, whose address is 2400 Sunnyside Avenue, Salt Lake City, UT 84108 ("Surface Owner").
- 3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated January 7, 2010 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

Peter Burns

## ACKNOWLEDGEMENT

STATE OF COLORADO

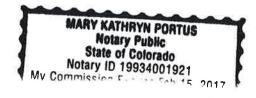
§ § §

COUNTY OF DENVER

Before me, a Notary Public, in and for the State, on this 13th day of February, 2014, personally appeared Peter Burns, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

nay Kathy Patus

My Commission Expires:



# NEWFIELD PRODUCTION COMPANY UTE TRIBAL 12-28-4-2E AT SURFACE: NE/SW SECTION 28, T4S, R2E UINTAH COUNTY, UTAH

## **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

The onsite inspection for this pad will need to be set up as soon as the APD is received by the BLM. This is a proposed directional well that will be drilled off a proposed Fee Surface well pad.

#### 1. <u>EXISTING ROADS</u>

- a) To reach Newfield Production Company well location site Ute Tribal 12-28-4-2E, proceed in a westerly direction out of Randlett, approximately 2.7 miles to it's junction with an existing road to the south; proceed in a southerly direction approximately 4.5 miles to it's junction with an existing road to the southeast; proceed in an southeasterly direction approximately 7.1 miles to it's junction with the beginning of the proposed access road to the northwest; proceed in a northwesterly directional along the proposed access road approximately 576' to the proposed 11-28-4-2E well location.
- b) The proposed location is approximately 14.7 miles southeast of Randlett, Utah.
- c) Existing native surface roads in the area range from clays to a sandy-clay shale material.
- d) Access roads will be maintained at the standards required by UDOT, Duchesne County or other controlling agencies. This maintenance will consist of some minor grader work for road surfacing and snow removal. Any necessary fill material for repair will be purchased and hauled from private sources.

#### 2. PLANNED ACCESS ROAD

- a) Approximately 576 feet of access road trending northwest is planned. The planned access consists of entirely new disturbance across entirely private surface. See attached Topographic Map "B".
- b) The planned access road will consist of a 20-foot permanent running surface crowned and ditched in order to handle any run-off from any precipitation events. The maximum grade will be 10% or less.
- c) Adequate drainage structures, where necessary, would be incorporated into the construction of the access road to prevent soil erosion and accommodate all-weather traffic.

All construction material for this access road will be borrowed material accumulated during construction of the access road..

#### 3. LOCATION OF EXISTING WELLS

a) Refer to Topographic Map "D".

#### 4. <u>LOCATION OF EXISTING AND/OR PROPOSED FACILITIES</u>

- a) There are no existing facilities that will be utilized.
- b) It is anticipated that this well will be a producing oil well with some associated natural gas.

- c) Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.
- d) Tank batteries will be built to Federal Gold Book specifications.
- e) All permanent above-ground structures would be painted a flat, non-reflective covert green color, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation (weather permitting). Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- f) Newfield Production Company requests 568' of surface gas line be granted. Newfield Production Company requests 571' of buried water line be granted. Newfield Production Company proposes 561' of surface flow line be granted. See attached Topographic Map "C".
- g) Where parallel corridors exist the disturbed area will be 60 feet wide to allow for construction of the proposed access road and pipeline corridor. The pipeline corridor will consist of a 12-inch or smaller natural gas pipeline, a 6-inch or smaller fuel gas line and an 10-inch or smaller produced water pipeline.
- h) The pipelines will tie in to the existing Newfield pipeline infrastructure. The proposed pipelines will be buried 4-feet deep or greater in a trench constructed with a trencher, trackhoe or backhoe for the length of the proposal. The construction phase of the planned access road, proposed pipelines will last approximately (10) days.
- i) The centerline of the proposed route will be staked prior to installation. Pipelines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated.
- j) Lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country, travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of four (4) inches deep, the soil will be deemed too wet to adequately support the equipment.

#### 5. <u>LOCATION AND TYPE OF WATER SUPPLY</u>

- a) Newfield Production will transport water by truck from nearest water source. The available water sources are as follows:
  - Johnson Water District (Water Right: 43-7478)
  - Maurice Harvey Pond (Water Right: 47-1358)
  - Neil Moon Pond (Water Right: 43-11787)
  - Newfield Collector Well (Water Right: 47-1817 A30414DVA, contracted with the Duchesne County Conservancy District).

#### 6. <u>SOURCE OF CONSTRUCTION MATERIALS</u>

a) Construction material for this access road will be borrowed material accumulated during construction of the access road. If any additional borrow or gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

- a) A small pit (80 feet x 120 feet x 8 feet deep, or less) will be constructed inboard of the pad area. The pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM.
- b) The pit-would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times.
- c) A portable toilet will be provided for human waste.
- d) A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.
- e) After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.
- f) All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Newfield Production Company guarantees that during the drilling and completion of the referenced well, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the referenced well, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

#### 8. <u>ANCILLARY FACILITIES</u>

a) There are no ancillary facilities planned for at the present time and none foreseen in the near future.

#### 9. <u>WELL SITE LAYOUT</u>

a) See attached Location Layout Sheet.

#### **Fencing Requirements**

 All pits will be fenced or have panels installed consistent with the following minimum standards:

- 1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times
- 3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- b) The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

## 10. PLANS FOR RESTORATION OF SURFACE:

- a) Producing Location
  - 1. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.
  - 2. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting; the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.
- b) Dry Hole Abandoned Location
  - 1. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

#### 11. SURFACE OWNERSHIP

a) Deep Creek Investmentsl. See attached Surface Use Affidavit.

#### 12. OTHER ADDITIONAL INFORMATION

- a) The Archaeological Resource Survey for this area is attached. State of Utah Antiquities Project Permit #U-13-MQ-0851p 11/22/13. See attached report cover page, Exhibit "D". Newfield would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On federal administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

#### **Location and Reserve Pit Reclamation**

Please refer to the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

#### 13. <u>LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:</u>

Representative

Name: Corie Miller

Address: Newfield Production Company

Route 3, Box 3630 Myton, UT 84052

Telephone: (435) 646-3721

#### Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #12-28-4-2E, Section 28, Township 4S, Range 2E: BIA Lease #14-20-H62-6499, Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Nationwide Bond #RLB0010462.

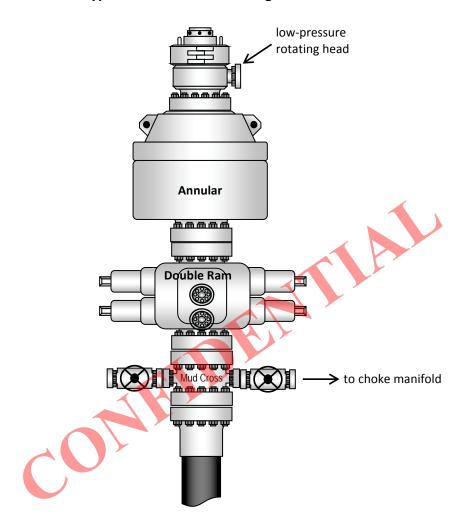
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

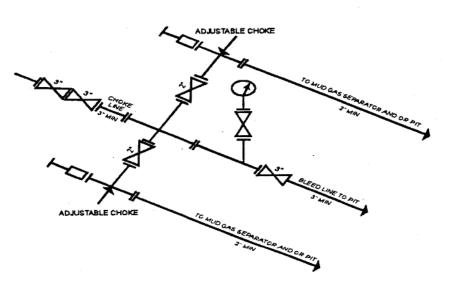
2/25/14

Date

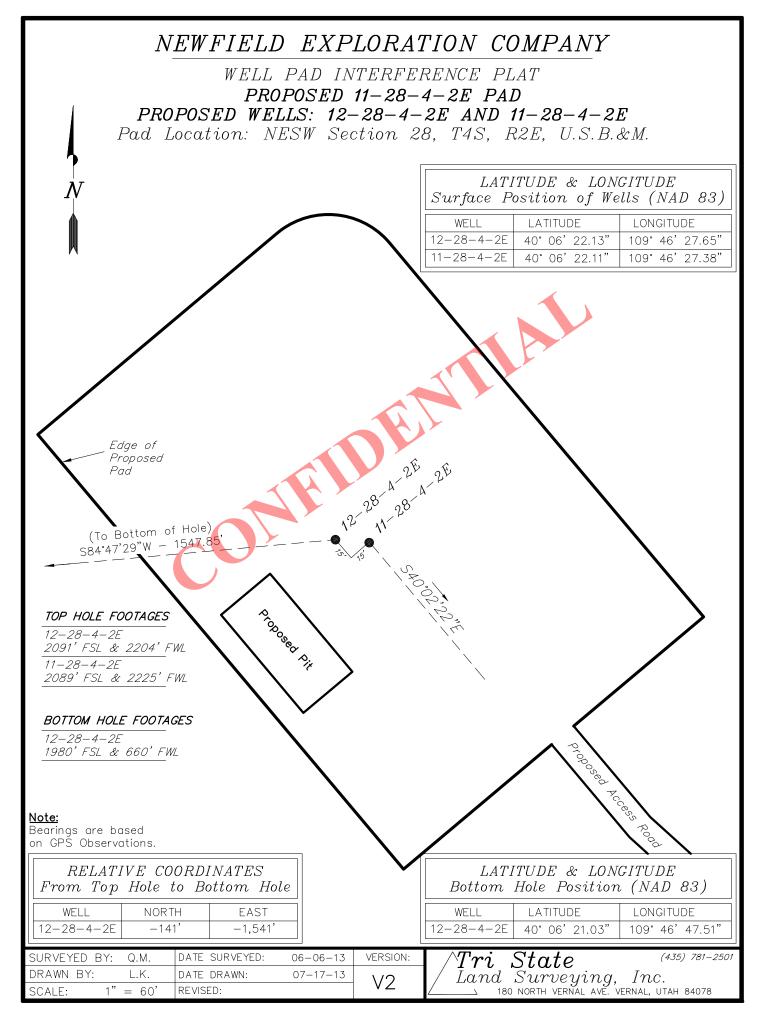
Mandie Crozier Regulatory Analyst Newfield Production Company

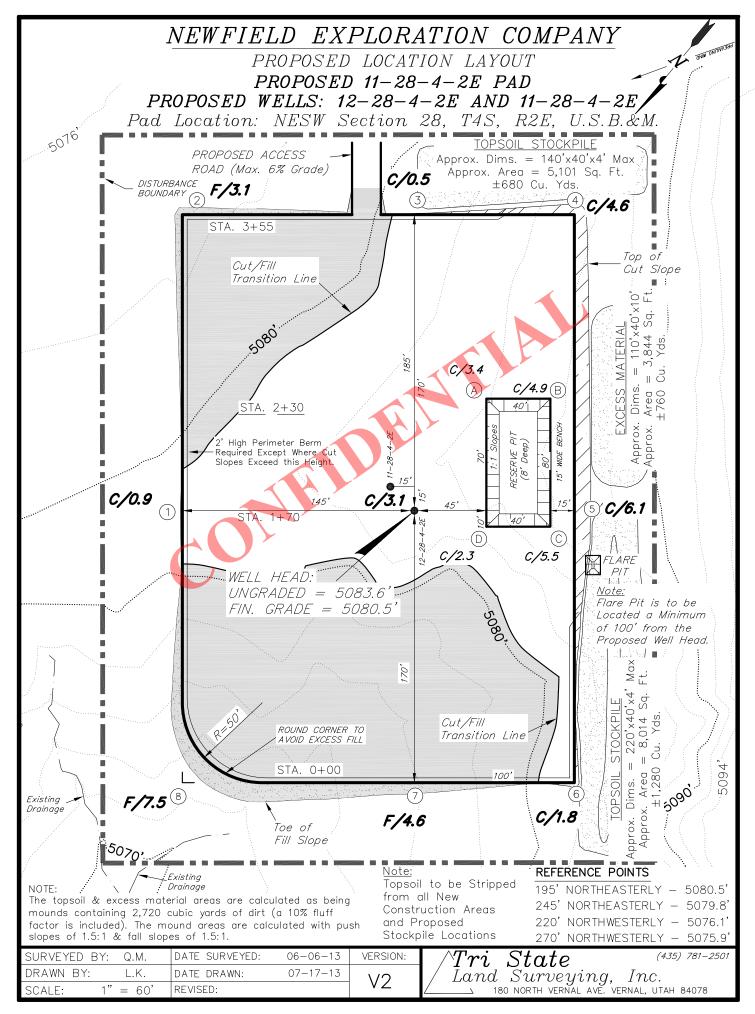
**Typical 3M BOP Stack Configuration** 

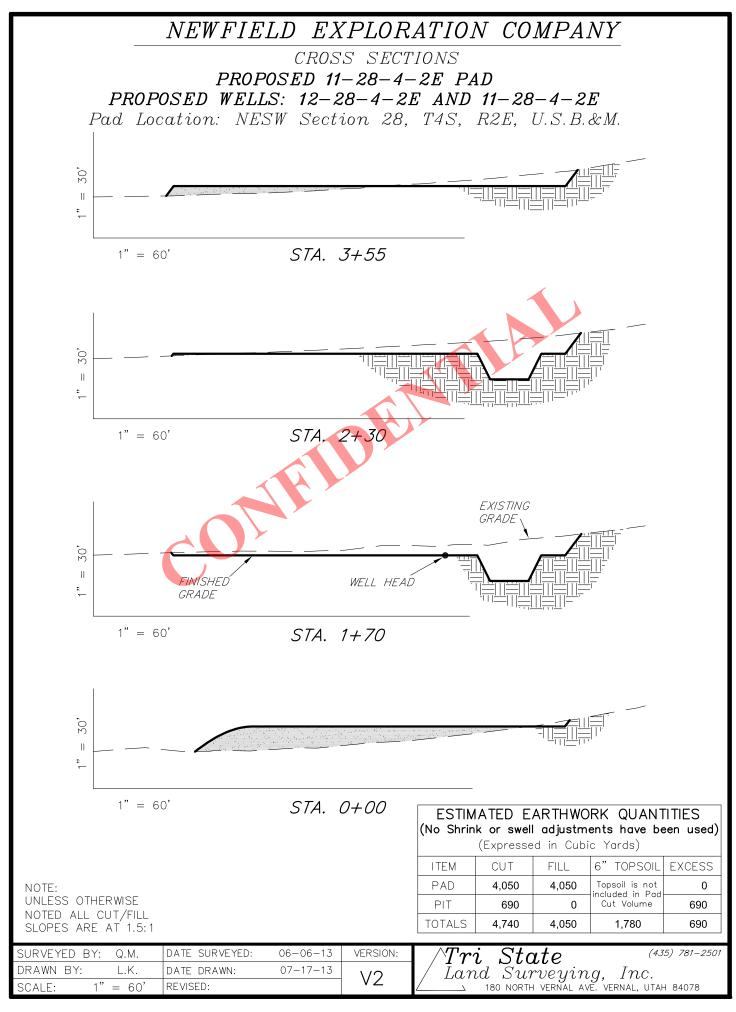


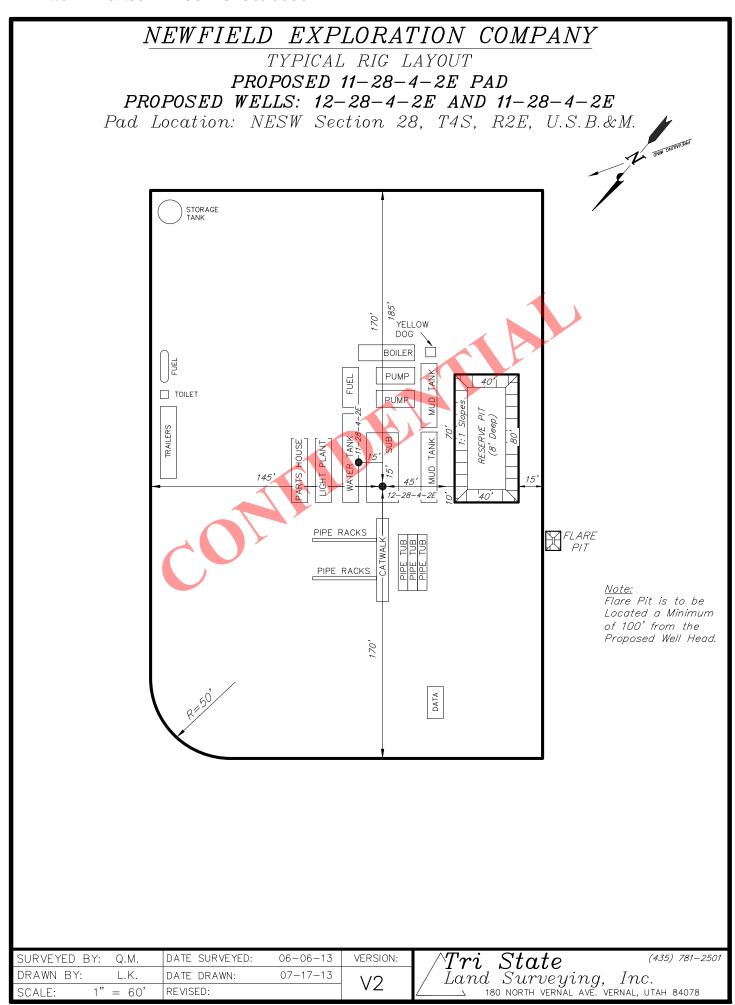


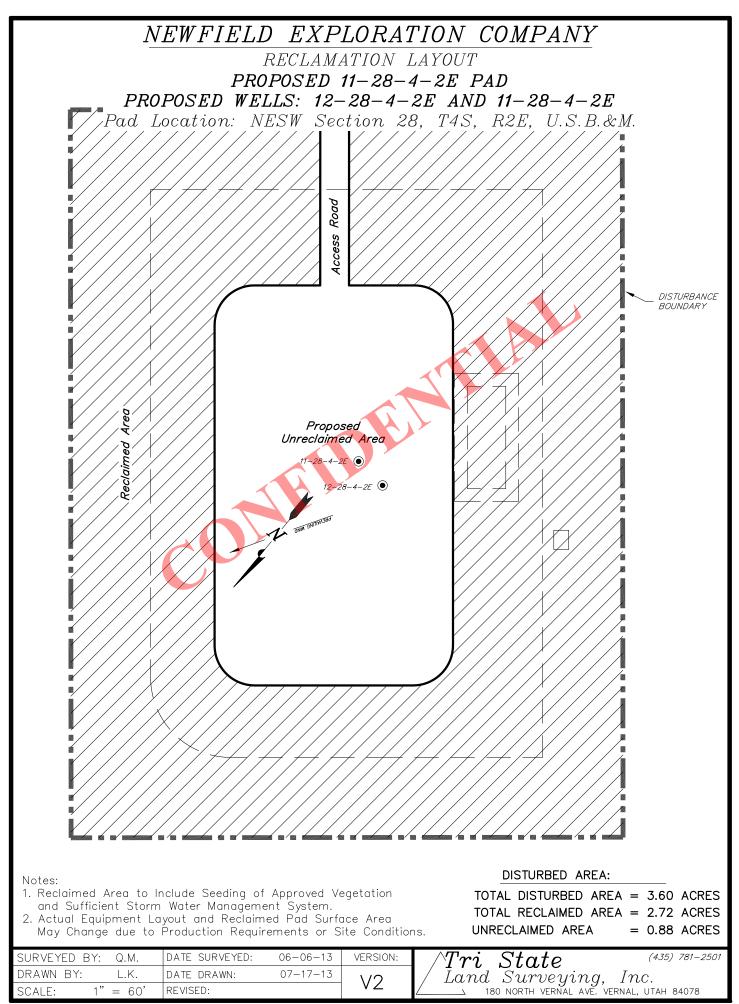
3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY [54 FR 39528, Sept. 27, 1989]











# NEWFIELD EXPLORATION COMPANY

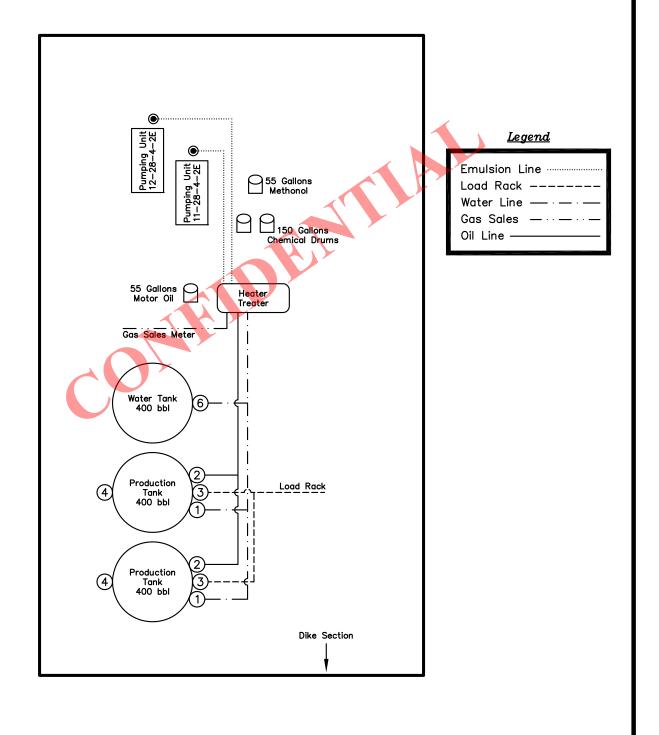
PROPOSED SITE FACILITY DIAGRAM

PROPOSED 11-28-4-2E PAD

12-28-4-2E EDA-20G0005609

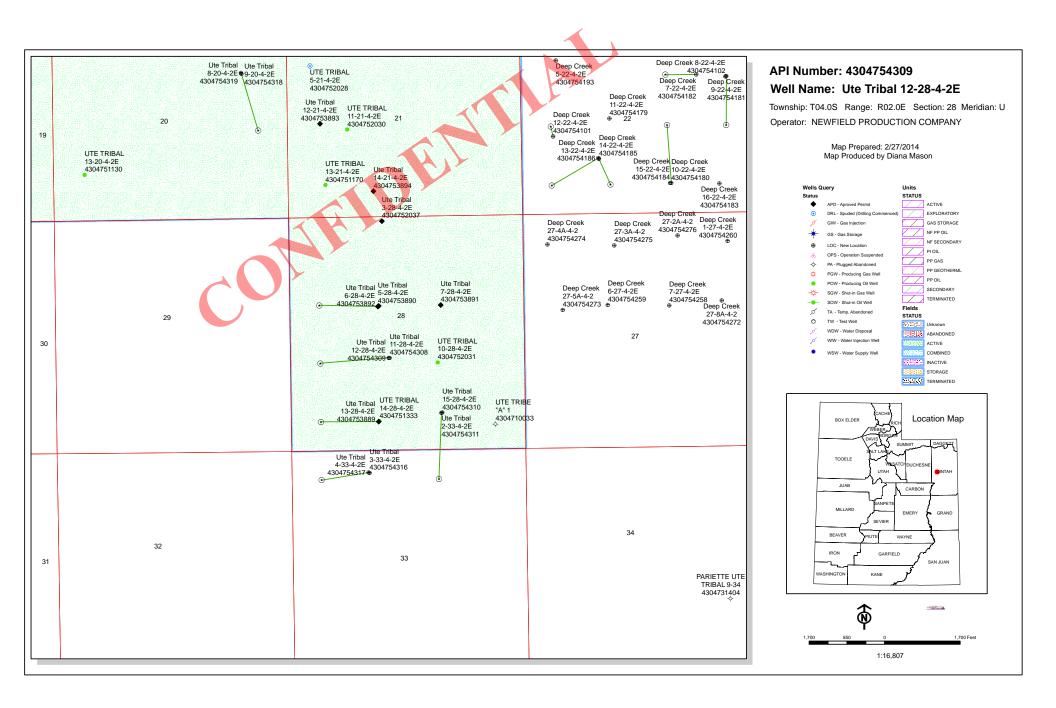
11-28-4-2E EDA-20G0005609

Pad Location: NESW Section 28, T4S, R2E, U.S.B.&M. Uintah County, Utah



NOT	то	SCALE
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SURVEYED BY:	Q.M.	DATE SURVEYED:	06-06-13	VERSION:	$\wedge Tri$ $State$ (435) 781-2501
DRAWN BY:	L.K.	DATE DRAWN:	07-17-13	1/2	/ Land Surveying, Inc.
SCALE:	NONE	REVISED:		٧∠	180 NORTH VERNAL AVE. VERNAL, UTAH 84078





VIA ELECTRONIC DELIVERY

#### **Newfield Exploration Company**

1001 17th Street | Suite 2000 Denver, Colorado 80202 PH 303-893-0102 | FAX 303-893-0103

March 18, 2014

State of Utah, Division of Oil, Gas and Mining

ATTN: Diana Mason P.O. Box 145801

Salt Lake City, UT 84114-5801

RE:

Directional Drilling
Ute Tribal 12-28-4-2E

Surface Hole:

T4S-R2E Section 28: NESW

2091' FSL 2204' FWL

At Target:

T4S-R2E Section 28: NWSW

1980' FSL 660' FWL

Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

NPC is permitting this well as a directional well in order to avoid the protective cactus habitat and the rough terrain.

Please note the surface hole and target locations of this well and all surrounding acreage within a four hundred sixty (460') foot radius is fee acreage and the leasehold is owned 100% by NPC and Crescent Point Energy U.S. Corp (formerly Ute Energy Upstream Holdings LLC). A copy of Crescent Point Energy U.S. Corp. consent to this directional drilling is attached to this letter.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4121 or by email at <a href="mailto:lburget@newfield.com">lburget@newfield.com</a>. Your consideration in this matter is greatly appreciated.

Sincerely,

Newfield Production Company

Leslie Buget

Leslie Burget Land Associate

#### VIA ELECTRONIC DELIVERY



**Newfield Exploration Company** 

PH 303-893-0102 | FAX 303-893-0103

1001 17th Street | Suite 2000

Denver, Colorado 80202

March 6, 2014

Crescent Point Energy U.S. Corp.
Attn: Ryan Waller
1875 Lawrence Avenue
Suite 200

Denver, CO 80202

Re:

Directional Drill Ute Tribal 12-28-4-2E Uintah County, Utah

Dear Mr. Waller:

In accordance with Section 3.1.D of the Exploration & Development Agreement dated February 23, 2007 among the Ute Indian Tribe, Newfield Production Company and the Ute Distribution Corporation, please be advised that Newfield is requesting approval from the Utah Division of Oil, Gas & Mining for the following well:

Ute Tribal 12-28-4-2E

Surface Hole:

T4S-R2E Section 28: NESW

2091' FSL 2204' FWL

At Target:

T4S-R2E Section 28: NWSW

1980' FSL 660' FWL

Uintah County, Utah

This well needs to be drilled directionally to avoid protective cactus habitat and the rough terrain.

Pursuant to State of Utah R649-3-11, it is necessary to obtain your written concurrence with the directional drill as an affected party.

Enclosed you will find a plat showing the surface hole location and bottom hole location of the above of referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and return to my attention as soon as possible. You may mail your consent to the letterhead address or email to <a href="mailto:lburget@newfield.com">lburget@newfield.com</a>.

If you have any questions or need further information, please do not hesitate to contact me at 303-383-4121 or by email at <a href="mailto:lburget@newfield.com">lburget@newfield.com</a>. I appreciate your prompt attention to this matter.

Sincerely,

Newfield Production Company

Like Burget

Leslie Burget Land Associate

Return to:

Newfield Production Company

Attn: Leslie Burget

1001 17<sup>th</sup> Street, Suite 2000 Denver, CO 80202

lburget@newfield.com email

<u>Ute Tribal 12-28-4-2E</u> Surface Hole: T4S-R2E Section 28: NESW

2091' FSL 2204' FWL

At Target:

T4S-R2E Section 19: NWSW

1980' FSL 660' FWL

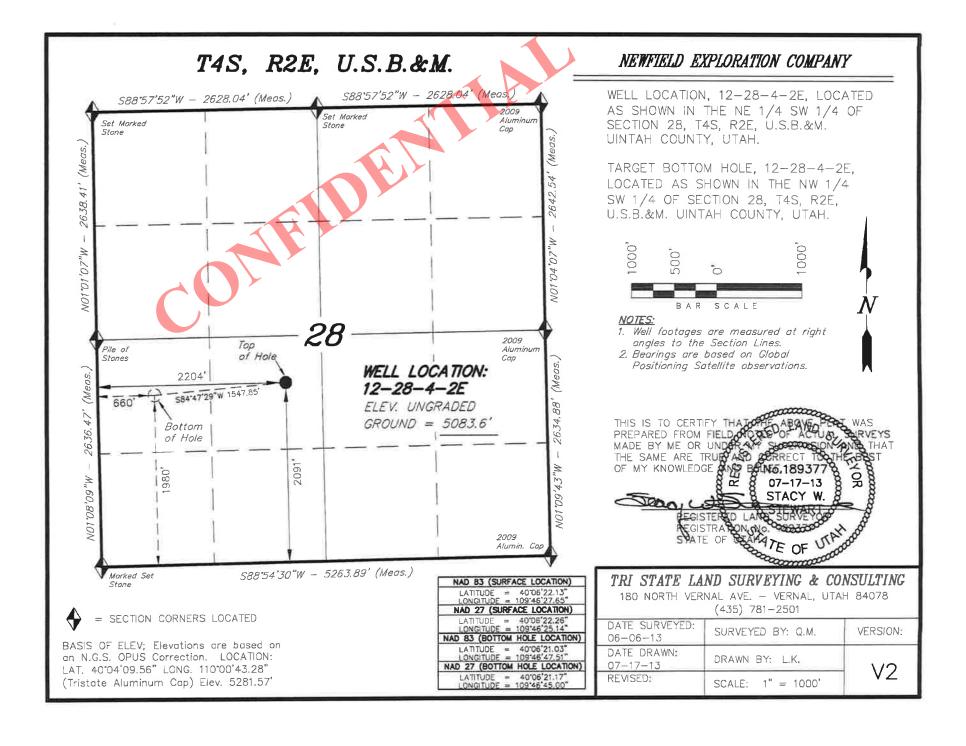
Uintah County, Utah

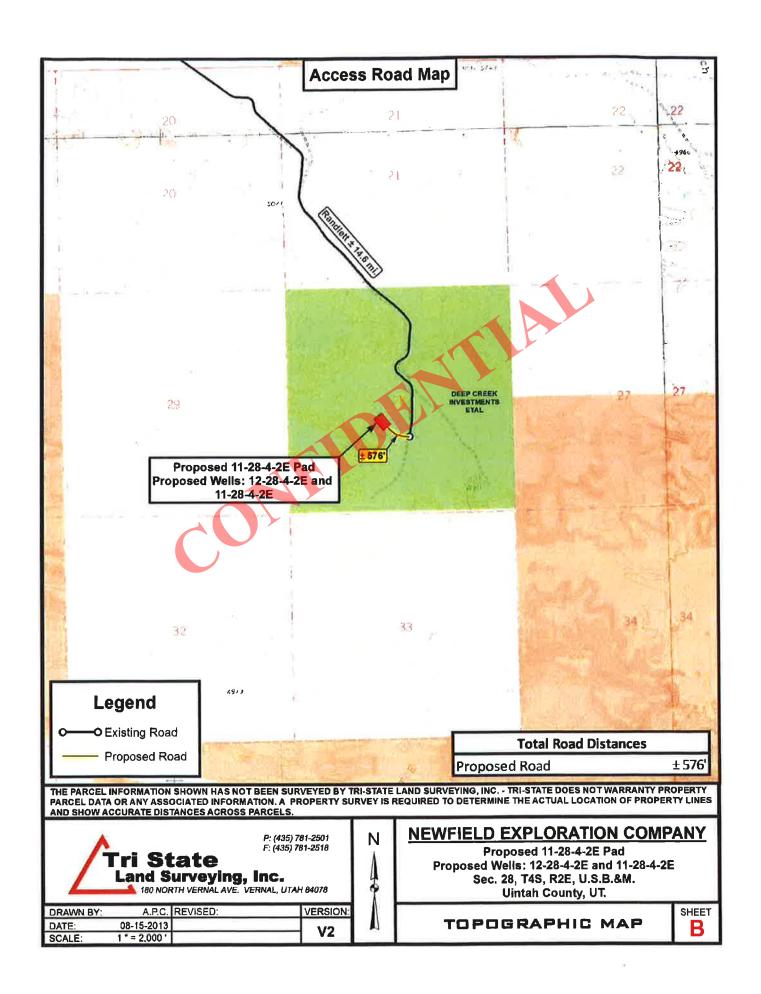
Please be advised Crescent Point Energy U.S. Corp. does not have an objection to the proposed location of the aforementioned well.

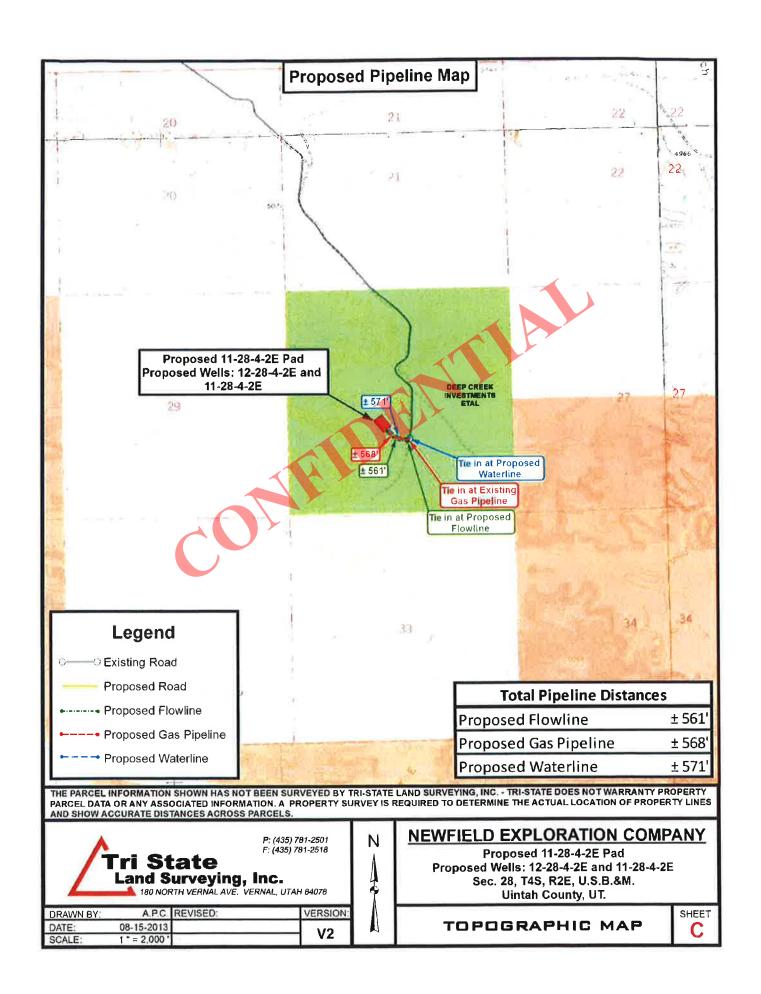
Form 3160-3 (August 2007)  UNITED ST DEPARTMENT OF	FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010				
BUREAU OF LAND	5. Lease Scrial No. 1420H626499				
APPLICATION FOR PERMIT	6. If Indian, Allottee or Tribe Name				
1a. Type of Work:  ☐ DRILL ☐ REENTER CONFIDENTIAL			7. If Unit or CA Agreement, Name and No.		
1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Oti	her 🛛 Sing	gle Zone	8. Lease Name and Well No UTE TRIBAL 12-28-4-2		
	MANDIE CROZIER er@newfield.com	₹	9. API Well No.		
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include Ph: 435-646-482) Fx: 435-646-303	5	10. Field and Pool, or ExplorUNDESIGNATED	ratory	
4. Location of Well (Report location clearly and in accorded	ance with any State requi	rements.*)	11. Sec., T., R., M., or Blk. a	and Survey or Area	
At surface NESW 2091FSL 2204FWL	-		Sec 28 T4S R2E Mer UBM		
At proposed prod. zone NWSW 1980FSL 660FWL					
14. Distance in miles and direction from nearest town or post 14.7 MILES SOUTHEAST OF RANDLETT, UT		12. County or Parish UINTAH	13. State UT		
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)</li> <li>660'</li> </ol>	16. No. of Acres in L 640.00	ease	17. Spacing Unit dedicated to 40.00	o this well	
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.</li> <li>1674<sup>†</sup></li> </ol>	19. Proposed Depth 7082 MD 6884 TVD		20. BLM/BIA Bond No. on file RLB00100473		
21. Elevations (Show whether DF, KB, RT, GL, etc. 5084 GL	22. Approximate date 08/01/2014	work will start	<ol> <li>Estimated duration</li> <li>DAYS</li> </ol>		
	24. Atta	achments			
The following, completed in accordance with the requirements of	f Onshore Oil and Gas C	Order No. 1, shall be attached to the	nis form:		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Of</li> </ol>	em Lands, the fice).	<ul> <li>4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).</li> <li>5. Operator certification</li> <li>6. Such other site specific information and/or plans as may be required by the authorized officer.</li> </ul>			
25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZ	) ZIER Ph: 435-646-4825		Date 02/28/2014	
Title REGULATORY ANALYST					
Approved by (Signature)	Name (Printed/Typed)	Name (Printed/Typed)			
Title	Office				
Application approval does not warrant or certify the applicant ho operations thereon.  Conditions of approval, if any, are attached.	lds legal or equitable titl	e to those rights in the subject lea	ase which would entitle the app	licant to conduct	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, r States any false, fictitious or fraudulent statements or representat	make it a crime for any p ions as to any matter wit	erson knowingly and willfully to hin its jurisdiction.	make to any department or age	ency of the United	

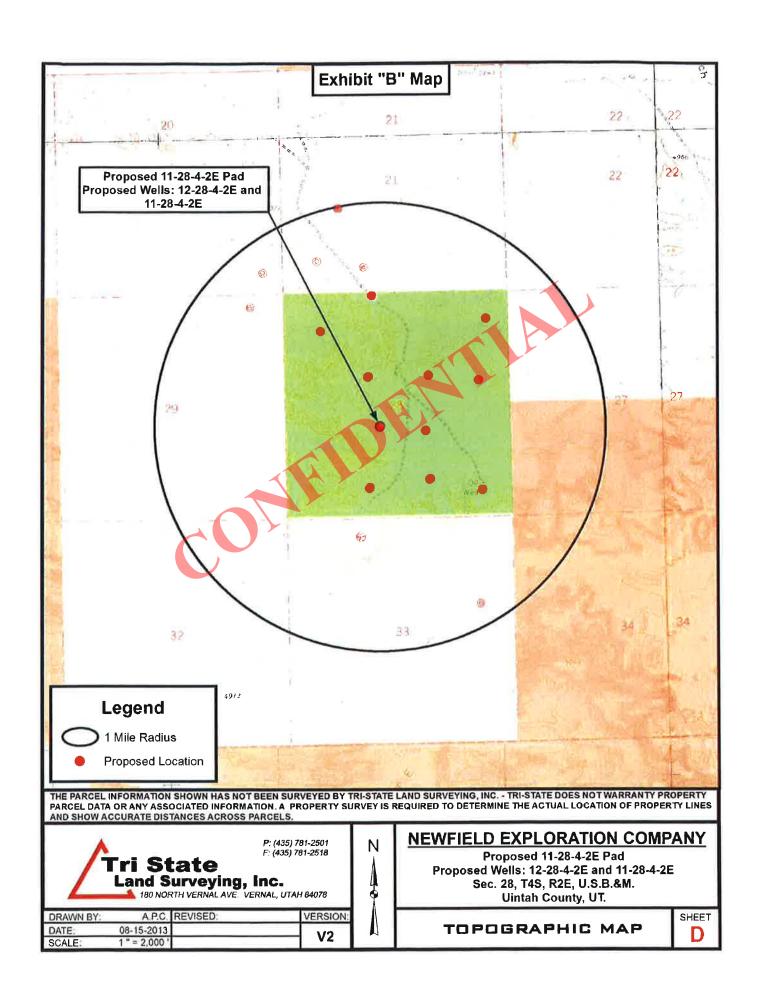
Additional Operator Remarks (see next page)

Electronic Submission #237236 verified by the BLM Well Information System For NEWFIELD EXPLORATION, sent to the Vernal









	Coordina	te Report	
Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
12-28-4-2E	Surface Hole	40° 06' 22.13" N	109° 46' 27.65" W
11-28-4-2E	Surface Hole	40° 06' 22.11" N	109° 46' 27.38" W
12-28-4-2E	Bottom of Hole	40° 06' 21.03" N	109° 46' 47.51" W
Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
12-28-4-2E	Surface Hole	40.106147	109.774347
11-28-4-2E	Surface Hole	40.106141	109,774272
12-28-4-2E	Bottom of Hole	40.105843	109.779865
(- ) (W <del>2- Y</del> ( ) (W ) )		AL III (MAD DO) (LITAL S. I.	Land I (NAD OO) (UTM MAD
Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Mete
12-28-4-2E	Surface Hole	4440258.413	604460.568
11-28-4-2E	Surface Hole	4440257.818	604467.005
12-28-4-2E	Bottom of Hole	4440218.195	603990.750
Well Number	Factors Toma	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
	Feature Type	40° 06' 22.26" N	109° 46' 25.14" W
12-28-4-2E	Surface Hole		109° 46' 24.87" W
11-28-4-2E	Surface Hole	40° 06' 22.24" N	
12-28-4-2E	Bottom of Hole	40° 06' 21.17" N	109° 46′ 45.00" W
- 10 WH		La Control (DD)	Law 20 La (MAD 97) (DD)
Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
12-28-4-2E	Surface Hole	40.106184	109.773649
11-28-4-2E	Surface Hole	40.106178	109.773574
12-28-4-2E	Bottom of Hole	40.105880	109.779167
Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Mete
12-28-4-2E	Surface Hole	4440053.099	604522.720
11-28-4-2E	Surface Hole	4440052.504	604529.157
12-28-4-2E	Bottom of Hole	4440012.881	604052.905



P: (435) 781-2501 F: (435) 781-2518

# **NEWFIELD EXPLORATION COMPANY**

Proposed 11-28-4-2E Pad Proposed Wells: 12-28-4-2E and 11-28-4-2E Sec. 28, T4S, R2E, U.S.B.&M. Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	
DATE:	08-15-2013		
VERSION:	V2	-	

COORDINATE REPORT

SHEET

1

# **ON-SITE PREDRILL EVALUATION**

# Utah Division of Oil, Gas and Mining

**Operator** NEWFIELD PRODUCTION COMPANY

Well Name Ute Tribal 12-28-4-2E

API Number 43047543090000 APD No 9447 Field/Unit LELAND BENCH

**Location: 1/4,1/4** NESW **Sec** 28 **Tw** 4.0S **Rng** 2.0E 2091 FSL 2204 FWL

GPS Coord (UTM) Surface Owner Deep Creek Investments

# **Participants**

Corie Miller, Mandie Crozier, Forrest Bird - NFX; David Baird - BLM; Scott Coleman - Landowner

# Regional/Local Setting & Topography

This location is on the Eastern side of Leland Bench near the Uteland Butte. The well is situated on top of the bench. It slopes easterly > 2% and along side a butte with 3 or four drainages; one with a bed and a bank. It is vegeated with a variety of high desert salt shrubs. The soils are light colored sandy clays with an abundance of gravels and some cobbles. The town of Randlett is found 12 road miles north. This may fall within the critical habitat for cactus polygon Will host the 11-28 well as well.

### Surface Use Plan

**Current Surface Use** 

Grazing

Wildlfe Habitat

New Road
Miles

Well Pad

Src Const Material

Surface Formation

0.1 Width 175 Length 350 Onsite UNTA

Ancillary Facilities

# Waste Management Plan Adequate?

### **Environmental Parameters**

Affected Floodplains and/or Wetlands N

# Flora / Fauna

High desert shrubland ecosystem. Expected vegetation consists of black sagebrush, shadscale, Atriplex spp., mustard spp, rabbit brush, horsebrush, broom snakeweed, Opuntia spp and spring annuals.

Dominant vegetation;

Gardiners atriplex

Wildlife;

Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed.

# Soil Type and Characteristics

light colored sandy clays

**Erosion Issues** Y

RECEIVED: March 19, 2014

**Sedimentation Issues** Y

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

**Erosion Sedimentation Control Required?** N

Paleo Survey Run? N Paleo Potental Observed? N Cultural Survey Run? N Cultural Resources? N

# **Reserve Pit**

Site-Specific Factors	Site Rar	ıking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	40	1 Sensitivity Level

# Characteristics / Requirements

operator plans a reserve pit 40' x 80' 8 feet deep in an area of cut.

A pit liner is required. Operator commonly uses a 16 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. A minimum freeboard of two feet shall be maintained at all times. Pit to be closed within one year after drilling activities are complete.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

### Other Observations / Comments

Evaluator	Date / Time
Chris Jensen	3/12/2014

# **Application for Permit to Drill Statement of Basis**

# Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM			
9447	43047543090000	LOCKED	OW P N					
Operator	NEWFIELD PRODUCTION	COMPANY	Surface Owner-A	PD Deep Creek Investments				
Well Name	Ute Tribal 12-28-4-2E		Unit					
Field	LELAND BENCH		Type of Work	DRILL				
Location	NESW 28 4S 2E U	2091 FSL	2204 FWL GPS Co	ord				

# **Geologic Statement of Basis**

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill **APD Evaluator** 

(UTM) 604461E 4440258N

3/19/2014 **Date / Time** 

### **Surface Statement of Basis**

Location is proposed in a good location although outside the spacing window. Well is to be drilled directionally. The 11-28 well will also be drilled from this location. Access road enters the pad from the North. The landowner or its representative was in attendance for the pre-site inspection.

The soil type and topography at present do combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions.

Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted. Reserve pit is in an area of cut.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The location is within the BLM Cactus polygon. The location was previously surveyed for cultural and paleontological resources (as the operator saw fit). I have advised the operator take all measures necessary to comply with ESA and MBTA and that actions insure no disturbance to species that may have not been seen during onsite visit.

The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.

Chris Jensen 3/12/2014
Onsite Evaluator Date / Time

# Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: March 19, 2014

Surface Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.

# **WORKSHEET** APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED: 2/25/2014** API NO. ASSIGNED: 43047543090000

WELL NAME: Ute Tribal 12-28-4-2E

**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695) PHONE NUMBER: 435 646-4825

**CONTACT: Mandie Crozier** 

LEASE TYPE: 2 - Indian

PROPOSED LOCATION: NESW 28 040S 020E Permit Tech Review:

> SURFACE: 2091 FSL 2204 FWL **Engineering Review:**

> Geology Review: BOTTOM: 1980 FSL 0660 FWL

> **COUNTY: UINTAH**

**LATITUDE: 40.10615 LONGITUDE:** -109.77435 UTM SURF EASTINGS: 604461.00 NORTHINGS: 4440258.00

FIELD NAME: LELAND BENCH

**LOCATION AND SITING:** 

Unit:

PROPOSED PRODUCING FORMATION(S): WASATCH **LEASE NUMBER:** 1420H626499

SURFACE OWNER: 4 - Fee **COALBED METHANE: NO** 

#### **RECEIVED AND/OR REVIEWED:**

Oil Shale 190-5

Oil Shale 190-13

✓ PLAT R649-2-3.

Bond: INDIAN - RLB0010462

**Potash** R649-3-2. General

Oil Shale 190-3 R649-3-3. Exception

**Drilling Unit** 

Board Cause No: R649-3-11 Water Permit: 437478

**Effective Date: RDCC Review:** 

**Fee Surface Agreement** Siting:

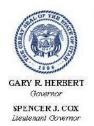
Intent to Commingle R649-3-11. Directional Drill

Comments: Presite Completed

**Commingling Approved** 

Stipulations: 1 - Exception Location - bhill

4 - Federal Approval - dmason 5 - Statement of Basis - bhill 15 - Directional - dmason 23 - Spacing - dmason



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

# Permit To Drill

\*\*\*\*\*\*

Well Name: Ute Tribal 12-28-4-2E

**API Well Number:** 43047543090000

Lease Number: 1420H626499 Surface Owner: FEE (PRIVATE) Approval Date: 3/19/2014

### Issued to:

NEWFIELD PRODUCTION COMPANY, Rt 3 Box 3630, Myton, UT 84052

# Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### **Exception Location:**

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled,

completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

# **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at http://oilgas.ogm.utah.gov

# Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
  - Requests to Change Plans (Form 9) due prior to implementation
  - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
  - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas Form 3160-3 (August 2007)

# EIVED

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

# UNITED STATES DEPARTMENT OF THE INTERIORAR 0 4 2014 BUREAU OF LAND MANAGEMENT

LILL I I LLA

Lease	Serial N	<del>-</del>	
1420	H6264	199	

6 If Indian Allottes on Tribe Name

APPLICATION FOR PERMIT	TO PRILLIPE REPORTED UT	o. If magai, Anotice of Tribe Name	•	
1a. Type of Work: DRILL REENTER	CONFIDENTIAL	7. If Unit or CA Agreement, Name	and No.	
lb. Type of Well: Oil Well Gas Well Oth	her Single Zone Multiple Zone	8. Lease Name and Well No. UTE TRIBAL 12-28-4-2E		
	MANDIE CROZIER r@newfield.com	9. API Well No. 4304754309		
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-646-4825 Fx: 435-646-3031	10. Field and Pool, or Exploratory UNDESIGNATED		
4. Location of Well (Report location clearly and in accorda	nce with any State requirements.*)	11. Sec., T., R., M., or Blk. and Sur	vey or Area	
At surface NESW 2091FSL 2204FWL		Sec 28 T4S R2E Mer UBM		
At proposed prod. zone NWSW 1980FSL 660FWL				
<ol> <li>Distance in miles and direction from nearest town or post</li> <li>14.7 MILES SOUTHEAST OF RANDLETT, UT</li> </ol>	office*	12. County or Parish UINTAH	13. State UT	
15. Distance from proposed location to nearest property or	17. Spacing Unit dedicated to this well			

#### 24. Attachments

22. Approximate date work will start

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

640.00

19. Proposed Depth

7082 MD

6884 TVD

08/01/2014

DIV. OF OIL, GAS & MINING

Date

02/28/2014

1. Well plat certified by a registered surveyor.

(Electronic Submission)

2. A Drilling Plan.

25. Signature

5084 GL

660

 A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

18. Distance from proposed location to nearest well, drilling,

completed, applied for, on this lease, ft.

21. Elevations (Show whether DF, KB, RT, GL, etc.

 Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).

40.00

20. BLM/BIA Bond No. on file

RLB00100473

23. Estimated duration

7 DAYS

- 5. Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

Title REGULATORY ANALYST		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	JUN 1 3 2014
Title Assistant Field Manager	Office VEDNAL FIELD OFFICE	

Name (Printed/Typed)
MANDIE CROZIER Ph: 435-646-4825

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #237236 verified by the BLM Well Information System For NEWFIELD EXPLORATION, sent to the Vernal Committed to AFMSS for processing by LESLIE BUHLER on 03/04/2014 ()

# NOTICE OF APPROVAL



# UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

**VERNAL, UT 84078** 

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

API No:

**Newfield Production Company** 

**UTE TRIBAL 12-28-4-2E** 

43-047-54309

Location:

NESW. Sec. 28, T4S, R2E

Lease No: 14-20-H62-6499

**Agreement:** 

N/A

**OFFICE NUMBER:** 

(435) 781-4400

**OFFICE FAX NUMBER: (435) 781-3420** 

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

# **NOTIFICATION REQUIREMENTS**

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	<ul> <li>The Ute Tribe Energy &amp; Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.</li> </ul>
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	<ul> <li>Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy &amp; Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.</li> </ul>
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	<ul> <li>Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <u>blm_ut_vn_opreport@blm.gov</u>.</li> </ul>
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	<ul> <li>Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.</li> </ul>

Page 2 of 6 Well: UTE TRIBAL 12-28-4-2E 6/6/2014

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

# STIPULATIONS / CONDITIONS OF APPROVAL

Company/Operator: Newfield.

Well Name & Number: Ute Tribal 7-28-4-2E, Ute Tribal 11-28-4-2E, Ute Tribal 12-28-4-2E, Ute Tribal 15-28-4-2E, and Ute Tribal 2-33-4-2E

### **CONDITIONS OF APPROVAL**

- All areas of disturbance (including surface pipelines) must have appropriate surface use agreements or approvals in place with the proper owner and/or agency before such action is started.
- The conditions of approval, as set forth by those owners and/or agencies, shall be adhered to.

Page 3 of 6 Well: UTE TRIBAL 12-28-4-2E 6/6/2014

# DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

### SITE SPECIFIC DOWNHOLE COAs:

- Ute Tribal: 8-20-4-2E, 9-20-4-2E, 12-28-4-2E, 11-28-4-2E, 12-20-4-1E
- Site Specific Drilling Plan COA's:
- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: "Ute Tribal Green River Development Program Feb 16, 2012).
   The operator shall also comply with applicable laws and regulations; with lease terms Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the, authorized officer.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well by CD (compact disc).
   This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: UTE TRIBAL 12-28-4-2E 6/6/2014

### **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

Page 6 of 6 Well: UTE TRIBAL 12-28-4-2E 6/6/2014

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
  Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
  order that a representative may witness plugging operations. If a well is suspended or
  abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent
  Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual
  plugging of the well bore, showing location of plugs, amount of cement in each, and amount of
  casing left in hole, and the current status of the surface restoration.

Sundry Number: 58905 API Well Number: 43047543090000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINII		5.LEASE DESIGNATION AND SERIAL NUMBER: 1420H626499
SUNDR	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly de reenter plugged wells, or to drill horizont n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Ute Tribal 12-28-4-2E		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		<b>9. API NUMBER:</b> 43047543090000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: LELAND BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2091 FSL 2204 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NESW Section: 2	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
✓ SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
12/3/2014		7	
DRILLING REPORT	L TUBING REPAIR	UENT OR FLARE	☐ WATER DISPOSAL
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
On 12/3/14 Drill an 12 1/4" hole. On casing set depth 54 15.8# 1.19 yield G N	completed operations. Clearly show all and set 31' of 14" conductor. Doing 12/4/14 P/U and run 12 joint 41'KB. On 12/8/14 Cement work was a common to the second se	orill f/31' to 551' KB of its of 8 5/8" 24# J-55 'Halliburton; 250 sx of ito surface and bumped	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 15, 2014
NAME (PLEASE PRINT) Cherei Neilson	<b>PHONE NUMBE</b> 435 646-4883	R TITLE Drilling Techinacian	
SIGNATURE N/A		<b>DATE</b> 12/15/2014	

Sundry Number: 58905 API Well Number: 43047543090000 **NEWFIELD** Casing Conductor Legal Well Name Wellbore Name Ute Tribal 12-28-4-2E Original Hole Surface Legal Location Well Type Well Configuration Type ield Name 43047543090000 Slant NESW 2091 FSL 2204 FWL Sec 28 T4S R2E MYTON AREA Development Well RC Spud Date Final Rig Release Date 500354169 Uintah Utah Wellbore Kick Off Depth (ftKB) Original Hole Section Des Size (in) Actual Top Depth (MD) (ftKB) Actual Bottom Depth (MD) (ftKB) Start Date End Date Conductor 14 11 42 12/3/2014 12/3/2014 Wellhead Install Date Service Comment Wellhead Components Make Model SN WP Top (psi) Casing Casing Description Set Depth (ftKB) Run Date Set Tension (kips) Conductor 42 12/3/2014 Centralizers Scratchers Casing Components Mk-up Tq Item Des Max OD (in) OD (in) ID (in) Wt (lb/ft) Grade Top Thread Len (ft) Top (ftKB) Btm (ftKB) Class Jts Conductor 13.500 36.75 H-40 Welded 1 31.00 11.0 Jewelry Details **External Casing Packer** etting Requirement nflation Method Vol Inflation (gal) Equiv Hole Sz (in) ECP Load (1000lbf) Inflation Fluid Type Infl Fl Dens (lb/gal) P ICV Act (psi) Seal Load (1000lbf) P AV Set (psi) AV Acting Pressure (psi) P ICV Set (psi) Slotted Liner % Open Area (%) Perforation Min Dimension (in) Perforation Max Dimension (in) Axial Perf Spacing (ft) Perf Rows Blank Top Length (ft) Blank Bottom Length (ft) Slot Description Slot Frequency Slot Pattern Slot Length (in) Slot Width (in) Screen Gauge (ga) Liner Hanger Retrievable? Elastomer Type Element Center Depth (ft) Polish Bore Size (in) Polish Bore Length (ft) Slip Description Set Mechanics Setting Procedure Unsetting Procedure

Sundry Number: 58905 API Well Number: 43047543090000 **NEWFIELD** Casing **Surface** Legal Well Name Wellbore Name Ute Tribal 12-28-4-2E Original Hole Surface Legal Location Well Type Well Configuration Type ield Name 43047543090000 NESW 2091 FSL 2204 FWL Sec 28 T4S R2E MYTON AREA Slant Development Well RC Spud Date Final Rig Release Date 500354169 Uintah Utah Wellbore Kick Off Depth (ftKB) Original Hole Section Des Size (in) Actual Top Depth (MD) (ftKB) Actual Bottom Depth (MD) (ftKB) Start Date End Date Conductor 14 42 12/3/2014 12/3/2014 Vertical 12 1/4 42 551 12/3/2014 12/3/2014 Wellhead Install Date Service Comment **Wellhead Components** Make Model SN WP Top (psi) Casing Casing Description Set Depth (ftKB) Run Date Set Tension (kips) 541 12/4/2014 Surface Centralizers Scratchers Casing Components Mk-up Tq (ft•lb) OD (in) ID (in) Wt (lb/ft) Top Thread Jts Top (ftKB) Btm (ftKB) Max OD (in) Item Des Len (ft) Wellhead 8 5/8 8.097 24.00 J-55 ST&C 2.00 11.2 13.2 1 Cut Off 42.10 8 5/8 8.097 24.00 J-55 ST&C 1 13.2 55.3 Casing Joints 8 5/8 8.097 24.00 J-55 ST&C 10 439.57 55.3 494.8 ST&C Float Collar 8 5/8 8.097 24.00 J-55 1.00 494.8 495.8 Shoe Joint ST&C 495.8 539.5 8 5/8 8.097 24.00 J-55 43.66 Guide Shoe 8 5/8 8.097 24.00 J-55 ST&C 1.50 539.5 1 541.0 **Jewelry Details** External Casing Packer Inflation Method Equiv Hole Sz (in) etting Requirement Release Requirements Vol Inflation (gal) P ICV Act (psi) ECP Load (1000lbf) Inflation Fluid Type Infl Fl Dens (lb/gal) P AV Set (psi) Seal Load (1000lbf) AV Acting Pressure (psi) P ICV Set (psi) Slotted Liner % Open Area (%) Perforation Min Dimension (in) Perforation Max Dimension (in) Axial Perf Spacing (ft) Perf Rows Blank Top Length (ft) Blank Bottom Length (ft) Slot Description Slot Pattern Slot Length (in) Slot Width (in) Slot Frequency Screen Gauge (ga) Liner Hanger Retrievable? Elastomer Type Element Center Depth (ft) Polish Bore Size (in) Polish Bore Length (ft) Slip Description Set Mechanics Setting Procedure Unsetting Procedure



# BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# ROss 29 Submitted By Branden Arnold Phone Number 435-401-0223 Well Name/Number UT 12-28-4-2E Otr/Otr NE/SW Section 28 Township 4S Range 2E Lease Serial Number 1420H626499 API Number 43-047-54309 <u>Spud Notice</u> – Spud is the initial spudding of the well, not drilling out below a casing string. Date/Time <u>12/3/14</u> <u>8:00</u> AM ⊠ PM □ <u>Casing</u> – Please report time casing run starts, not cementing times. **Surface Casing Intermediate Casing** Production Casing Liner Other Date/Time <u>12/4/14</u> <u>10:00</u> AM ☐ PM ☒ **BOPE** Initial BOPE test at surface casing point BOPE test at intermediate casing point 30 day BOPE test Other Date/Time \_\_\_\_ AM D PM D Remarks \_\_\_\_\_

Form 3160-4 (March 2012)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED

				BURE	AU OF	LAND MA	NAG	EME	NT							OMB NO Expires: Oc	0. 1004-01 ctober 31, 2	37 :014
	W	ELL	COMP	LETIC	ON OR F	RECOMPLE	TIOI	N REF	PORT	AND	_OG			XXXXX DESIGN	ase Ser 0H626			
a. Type of	Well	N	Oil Well		Jas Well	Dry	Oth	er			<u>e</u>		*	6. If	Indian,	Allottee or î	Tribe Name	
b, type of t	Completion		New Well Other:	L   L   \	Work Over	Deepen D	⊒ Pluչ	g Back —	∟ Diff	f. Resvr.	,			7. U	nit or C	A Agreemer	at Name and	i No.
Name of ONEWFIELD				PANY				-	statto doo			eş.				me and Well AL 12-28-4		
3. Address	MYTON, UT							3a. Pi	. Phone i h:435-6	No. (inc.)	ude are 1	ea code)	6		PI Well 47-543			
4. Location	of Well (Re	eport l	ocation cl	early an	d in accord	dance with Feder	ral req							10, I	ield and	d Pool or Ex NATED	ploratory	
At surface	2091' F	SL 22	:04' FWL	(NE/S	W) SEC 2	28 T4S R2E								11, 5	Sec., T., urvey o	R., M., on F or Area SEC	Block and	Mer HBM
At top pro	d. interval r	eporte	ed below	2081' F	'SL 812' F	WL (NW/SW)	SEC	28 T4	S R2E							or Parish	13. St	
At total de	2059	FSL	630' FW	L (NW)	SW) SEC	28 T4S R2E									TAH		UT	
14. Date Spi 12/03/201	udded			Date T 2/27/20	D. Reache	ed			ate Comp D & A		1/27/2 Ready t			17, 1	Elevation	ns (DF, RK 1095' KB	B, RT, GL)	*
18. Total De	pth: MD	72	49'			ug Back T.D.:		7215'	Dan	<u> </u>			ige Plug	Set:	MD	IOAD VD		
21. Type El	cetric & Oth	D 69 ier Mei	chanical Lo	ogs Run	(Submit co	py of each)	TVD				22. V	Vas well	cored?	<b>∠</b> N	TVD	Yes (Submi	t analysis)	
DUALIND	GRD, SF	, co	MP. NEU	JŤRON	, GR, CA	LIPER, CMT I	BOND	)			γ	Vas DST	run?	<b>∠</b> N		Yes (Submi Yes (Submi	t report)	
23. Casing	and Liner F	ecord	(Report c	all string	s set in we	1()										Yes (Submi	t copy)	
Hole Size	Size/Gra	nde	Wt. (#/A,	) T	op (MD)	Bottom (MT	D)	Stage Co Dep			of Sks of Cer		Slurry '		Ceme	ent Top*	Amo	unt Pulled
13-1/2"	8-5/8" J-	225.50	24	0'		541'					LASS						-	400
7-7/8"	5-1/2" L	-80	17	0'		7225'					conoc				60'			
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							_	200										
24. Tubing			my L	1 15	1 (2 (2)				*									
Size 2-7/8"	Depth S			ker Dep 27008'	th (MD)	Size	_   1	Depth Set	t (MD)	Packer	Depth (	(MD)	Size		Depti	h Set (MD)	Packe	r Depth (MD)
25. Producii	ng Intervals		1				26		foration I				10.00	l	99.90		<u> </u>	
A) Green F	Formation	n		4995'	ор	Bottom 6878'	- 4		orated In			Si	ze	No. F	loles		Perf. Stat	us
B) Wasato				6926'				PORTER DESCRIPTION	878' ME	227000		0.34		105				
C)		4,000		0920	2 60	7047'	- 0:	920 - 7	'047' ME	,		0.34		21				
D)						***												- <u>- 1</u> 2
27. Acid, Fr			, Cement	Squeeze	, etc.	84838						-22						
4995' - 704	Depth Inter	val		Erac w	610 378	#s of proppant	t cana	lin O 2				pe of Mi				<u></u>		
4000 - 10-	TI IVID		1.0	1 100 107	010,070	#5 or proppani	t sant	יכוף ווו ג	SIGG CO	OI Clea	n nuta	, 111 7 81	ages.	an income of			97 - 50.1	
										1000000								
												L. H. C.						
28. Producti Date First	ion - Interva Test Date	il A Hours	s Test		Oil	Gas	Water		Oil Grav	17	la-	- 100 Miles - 130 Miles	lo 1	.1				
Produced	Cot Date	Teste		luction	BBL	MCF	BBL		Corr, Al		Ga: Gra	s avity	Produ	ction M	ethod			
1/29/15	2/10/15	24		<b>→</b>	74	10	108						2.5	K 1.75	X 22 R	HAC		
Choke Size	Tbg. Press.		24 F		Oil	Gas	Water	U	Gas/Oil	20	We	ell Status	,	3. 3				
	Flwg. SI	Press.	. Rate	<b>→</b>	BBL	MCF	BBL		Ratio		PF	RODUC	ING					
28a. Produc			Line		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1								,				
Date First Produced	Test Date	Hours Teste			Oil BBL	Gas MCF	Water BBL		Oil Grav Corr. Al		Ga: Gra	s avity	Produ	ction M	ethod			
Choke Size	Tbg. Press.	Cag.	24 F		Oil	Gas MCF	Water	•	Gas/Oil		Wo	ll Status						

<sup>\*(</sup>See instructions and spaces for additional data on page 2)

b. Production -			100 10010 10				6 19.		
te First   Test Da oduced	te Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
oke Ibg, Prese Flwg, SI	ess. Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
c. Production - I	nterval D		<u> </u>						
te First Test Dateduced	Hours Tested	Test Production	Oil BBL	Gas MCl	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
oke (fbg. Pre	ss. Csg. Press.	24 Hr. Rate	Oil	Gas	Water	Gas/Oil	Well Status		
SI		-	BBL	MCF	BBL	Ratio			
Disposition of (	Gas (Solid, u.	sed for fuel, vei	nted, etc.)						<del>-,</del> .
Summary of Position Show all imports including depth recoveries.	int zones of i	norosity and so	mtanta th	ereof; Cored i	ntervals and all ng and shut-in p	drill-stem tests, pressures and	31. Formatic GEOLOGI	on (I.og) Markers CAL MARKERS	
Formation	Тор	Bottom		Desc	riptions, Conter	nts, etc.		Name	Top  Meas, Depti
				5 5 Elk	-		GARDEN GUL GARDEN GUL		4768' 4940'
		ĺ					GARDEN GUL		5058'
							X MRKR		5401' 5533'
							Y MRKR DOUGLAS CR	FILENAN	5576'
		•					BI CARBONAT	E MRK	5723' 6089'
							B LIMESTONE CASTLE PEAK		6132' 6432'
			ı,				BASAL CARBO WASATCH	NATE	6785' 6894'
Additional remar	ks (include p	olugging proces	dure);						
ndicate which ite			lacing a c	heck in the a	propriate boxe	s:	10 10		
Electrical/Mecha Sundry Notice for	or plugging ar	nd cement verifi		□ c	cologie Report ore Analysis	☐ DST Rep ☐ Other: □	rilling daily acti	☑ Directional Survey	
hereby certify th	at the forego	ing and attache	d informe	tion is compl	ete and correct	as determined from	all available reco	rds (see attached instructions)	*
Name (please Signature	print) Hear Acollo N	- Caldel	lar		- T-	Pitle Regulatory Date 02/23/2015	Technician	and and ansurenous	



# **NEWFIELD EXPLORATION**

USGS Myton SW (UT) SECTION 28 T4S, R2E 12-28-4-2E Wellbore #1

Design: Actual

# **End of Well Report**

05 January, 2015



RECEIVED: Feb. 24, 2015



# Payzone Directional

End of Well Report



Local Co-ordinate Reference Company: NEWFIELD EXPLORATION Well 12-28-4-2E 12-28-4-2E @ 5095.0usft (SS # 2) 12-28-4-2E @ 5095.0usft (SS # 2) Project: USGS Myton SW (UT) SECTION 28 T4S, R2E TVD Reference: Site: MD Reference: Well: 12-28-4-2E North Reference True Wellbore #1 Survey Calculation Method: Minimum Curvature Design: Actual Database: EDM 5000.1 Single User Db USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA Project US State Plane 1983 Mean Sea Level Map System: System Datum: North American Datum 1983 Geo Datum: Utah Central Zone Map Zone: SECTION 28 T4S, R2E 7,210,608.43 usft Site Position: 40° 6' 7.980 N Latitude: 2,122,856.37 usft 13-3/16 " Lat/Long Easting: Longitude: 109° 46′ 30.600 W 0.0 usft 1.10 ° Position Uncertainty Slot Radius Grid Convergence 12-28-4-2E, SHL: 40° 6' 22.130 -109° 46' 27.650 Well Well Position +N/-S 0.0 usft Northing: 7,212,044.30 usft 40° 6' 22.130 N +E/-W 0.0 usft Easting: 2,123,057.92 usft Longitude: 109° 46′ 27.650 W Position Uncertainty 0.0 usft 5,095.0 usft 5,084.0 usft Wellbore #1 Wellbore Model Name Field Strength Magnetics Sample Date Dip Angle (nT) IGRF2010 51,999 Design Actual Audit Notes: ACTUAL 0.0 1.0 Version: Tie On Depth: +E/-W Vertical Section: Depth From (TVD) +N/-S (usft) (usft) (usft) (°) 0.0 0.0 0.0 268.84 Survey Program Date 12/27/2014 From Survey (Wellbore) Description 7,249.0 Survey #1 (Wellbore #1) MWD MWD - Standard

1/5/2015 8:27:22AM

Page 2

COMPASS 5000.1 Build 70

NESUNCTY Number: 61063 API Well Number: 43047543090000

End of Well Report



Company: NEWFIELD EXPLORATION Project: Site: USGS Myton SW (UT) SECTION 28 T4S, R2E Well: 12-28-4-2E Wellbore Wellbore #1 Design: Actual

Local Co-ordinate Reference: TVD Reference: MD Reference:

Well 12-28-4-2E 12-28-4-2E @ 5095.0usft (SS # 2) 12-28-4-2E @ 5095 Ouaft (SS # 2) True Minimum Curvature

Survey Calculation Method: Database: EDM 5000.1 Single User Db

S			

Survey					en de santante de la composition de la La composition de la	Transfer of the second		EDM 5000.1 Single I	JSEF LID	arenes
MD										
(usft)	inc A	zi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S	EW	DLeg	Build	Turn	
0.0	0.00	0.00	0.0	0.0	(usft) 0.0	(usff)	(°/100usft)		(°/100usft)	
569.0	0.22	295.87	569.0	1.0	0.5	0.0	0.00	0.00	0.00	
600.0	0.13	276.68	600.0	1.1	0.5	-1.0	0.04	0.04	0.00	
631.0	0.62	278,55	631,0	1.3	0.5	-1.1	0.34	-0.29	-61.90	
661.0	1.45	285.14	661.0	1.8		-1.3	1.58	1.58	6.03	
692.0	2.55				0.7	-1.8	2.79	2.77	21.97	
724.0		291.87	692.0	2.8	1.0	-2.8	3.62	3.55	21.71	
754.0	3.43	285.76	723.9	4.4	1.5	-4.4	2.92	2.75	-19.09	
785.0	3.96	283.61	753.9	6.2	2.0	-6.3	1.83	1.77	-7.17	
816.0	4.00	282.16	784.8	8.3	2.5	-8.4	0.35	0.13	-4.68	
0.0.0	4.31	286.20	815.7	10.5	3.1	-10.5	1.37	1.00	13.03	
846.0	4.75	287.74	845.6	12.7	3.8	-12.8	1.52			
877.0	5.10	287.56	876.5	15.2	4.6	-15.3	1.13	1.47	5.13	
908.0	5.76	285.36	907.4	18.0	5.4	-18.2	2.23	1.13	-0.58	
938.0	6,33	283.78	937.2	21.1	6.2	-21.2	1.98	2.13	-7.10	
969.0	6.94	282.99	968.0	24.6	7.0	-24.7	1.99	1.90	-5.27	
1,000.0	6.94	280.71	998.8				1.58	1.97	-2.55	
1,031.0	7.51	278.29		28.2	7.8	-28.4	0.89	0.00	-7.35	
1,061.0	8.22	277.41	1,029.5	32.0	8.4	-32.2	2.08	1.84	-7.81	
1,105.0	9.23	278.11	1,059.2	36.1	9.0	-36.3	2.40	2.37	-2.93	
1,151.0	9.84	279.17	1,102.7	42.7	9.9	-42.9	2.31	2.30	1.59	
		279.17	1,148.1	50.2	11.0	-50.4	1.38	1.33	2.30	
1,195.0	9.98	280.00	1,191.4	57.6	12.3	-57.9	0.45	0.32	1.89	
1,241.0	10.20	277.67	1,236.7	65.6	13.5	-65.9	1.01	0.48	-5.07	
1,284.0	10.46	278.77	1,279.0	73.2	14.6	-73.5	0.76	0.60		
1,328.0	10.72	277.37	1,322.3	81.2	15.8	-81.5	0.83	0.59	2.56	
1,374.0	11.03	275.92	1,367.4	89.8	16.8	-90.1	0.90	0.67	-3.18	
1,418.0	11.11	271.99	1,410.6	98.2	17.3				-3.15	
1,461.0	11.10	268.84	1,452.8	106.4	17.3	-98.5	1.72	0.18	-8.93	
	TOTAL		1,702.0	100,4	17.4	-106.8	1.41	-0.02	-7.33	

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COMPASS 5000.1 Build 70



# Payzone Directional

End of Well Report



Company: Project: Site: Well: NEWFIELD EXPLORATION USGS Myton SW (UT) SECTION 28 T4S, R2E 12-28-4-2E Wellbore: Wellbore #1 Actual Design:

Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:

Well 12-28-4-2E 12-28-4-2E @ 5095.0usft (SS # 2) 12-28-4-2E @ 5095.0usft (SS # 2) True Minimum Curvature

	and the book decembers		Bindingson			Database:	. F	DM 5000.1 Single L	Jser Db
rey									
MD	inc A	zi (azimuth)	TVD	V. Sec	N/S	EW	DLeg	Build	Turn
(usft)	(°)	(°)	(usft)	(usft)	(usft)			State of the Control	1um °/100usft)
1,505.0	11.34	267.79	1,496.0	115.0	17.2	-115.4	0.72	0.55	-2.39
1,549.0	11,73	267.00	1,539.1	123.8	16.8	-124.2	0.96	0.89	-1.80
1,593.0	11.81	267.03	1,582.2	132.8	16.3	-133.1	0.18	0.18	0.07
1,637.0	12.00	264.45	1,625.2	141.8	15.6	-142.2	1.28		
1,682.0	12.79	264.58	1,669.2	151.5	14.7	-151.8	1.76	0.43 1.76	-5.86
1,726.0	13,23	266,42	1,712.0	161.3	13.9	-161.7	1.37		0.29
1,772.0	13.53	266.98	1,756.8	172.0	13.3	-172.3	0.71	1,00 0.65	4.18
1,816.0	14.50	268,49	1,799.5	182.6	12.9	-182.9	2.36		1.22
1,862.0	15.60	269.90	4.040.0					2.20	3.43
1,906.0	16.37		1,843.9	194.6	12.7	-194.9	2.52	2.39	3.07
1,949.0	17.62	270.08	1,886.2	206.7	12.7	-207.0	1.75	1.75	0.41
1,993.0	18.81	270.73	1,927.3	219.3	12.8	-219.6	2.94	2.91	1.51
2,037.0		270.33	1,969.1	233.0	12.9	-233.3	2.72	2.70	-0.91
2,037.0	19.42	270.07	2,010.7	247.4	13.0	-247.7	1.40	1.39	-0.59
2,081.0	20.13	270.64	2,052.1	262.3	13.1	-262.6	1.67	1.61	1.30
2,125.0	21.05	272.22	2,093.3	277.7	13.5	-278.1	2.44	2.09	3.59
2,168.0	21.75	272.53	2,133.3	293.4	14.1	-293.7	1.65	1.63	0.72
2,214.0	22.50	272.88	2,175.9	310.7	14.9	-311.1	1.66	1.63	0.76
2,258.0	23.07	272.58	2,216.5	327.7	15.8	-328.1	1.32	1.30	-0.68
2,302.0	23.55	272.05	2,256.9	345.1	16.5	-345.5	1.19	1.09	-1.20
2,346.0	23.91	271.35	2,297.2	362.8	17.0	-363.2	1.04	0.82	-1.59
2,389.0	24.08	271.17	2,336.5	380.2	17.4	-380.7	0.43	0.40	-1.59 -0.42
2,433.0	23.82	270.82	2,376.7	398.1	17.7	-398.5	0.67	-0.59	-0.42 -0.80
2,477.0	23.29	269.68	2,417.0	415.7	17.8	-416.1	1.59	-1.20	-2.59
2,521.0	23.55	269.50	2,457.4	433.1	17.6				
2,565.0	24.26	270.64	2,497.6	451.0	17.5	-433.6	0.61	0.59	-0.41
2,608.0	24.52	271.23	2,536.8	468.7	17.7	-451.4 469.3	1.93	1.61	2.59
2,652.0	24.35	271.17	2,576.8	486.9		-469.2	0.83	0.60	1.37
-,002.0	2-1.00	211.11	2,376.8	466.9	18.3	-487.4	0.39	-0.39	-0.14

-0.39

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COMPASS 5000.1 Build 70

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### Payzone Directional End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 28 T4S, R2E
Well: 12-28-4-2E
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Database:

e: Well 12-28-4-2E 12-28-4-2E @ 5095.0usft (SS # 2) 12-28-4-2E @ 5095.0usft (SS # 2) True Minimum Curvature

thod:	Minim	um Cun	vature	117	
	EDM	000 4 6	Single I	1000	DL.
	CDIN:	3000.1	single i	) SEI	ָ מט

	ot cores of reserve entry per Lat									Thursday and state
Survey										
MD .		ri (azimuth)	TVD	V. Sec	N/S	EW ×	DLeg	Build	Turn	
· (usft)	<b>(°)</b>	(°)	(usft)	(usft)	(usft)		(°/100usft) (°	/100usft) (	(°/100usft)	
2,696.0	23.91	271.17	2,617.0	504.9	18.7	-505.3	1.00	-1.00	0.00	
2,740.0	23.33	270.77	2,657.3	522.5	19.0	-523.0	1.37	-1.32	-0.91	
2,784.0	23.29	269.06	2,697.7	539.9	19.0	-540.4	1.54	-0.09	-3.89	
2,828.0	22.94	267.96	2,738.2	557.2	18.5	-557.6	1.26	-0.80	-2.50	
2,871.0	22.81	267.21	2,777.8	573.9	17.8	-574.3	0.74	-0.30	-1.74	
2,915.0	22.65	266.60	2,818.4	590.9	16.9	-591.3	0.65	-0.36	-1.39	
2,959.0	22.32	266.64	2,859.0	607.7	15.9	-608.1	0.75	-0.75	0.09	
3,003.0	22.26	267.03	2,899.8	624.4	15.0	-624.8	0.36	-0.14	0.89	
3,047.0	22.59	267.57	2,940.4	641.1	14.2	-641.6	0.88	0.75	1.23	
3,091.0	23.20	268.45	2,981.0	658.3	13.6	-658.7	1.59	1.39	2.00	
3,134.0	23.77	270.29	3,020.4	675,4	13.4	-675.8	2.16	1.33	4.28	
3,178.0	24.35	270.25	3,060.6	693.3	13.5	-693.7	1.32	1.32	-0.09	
3,222.0	24.57	270.64	3,100.6	711.5	13.6	-711.9	0.62	0.50	0.89	
3,266.0	25.09	271,07	3,140.6	730.0	13.9	-730.4	1.25	1.18	0.98	
3,309.0	25.64	271.01	3,179.4	748.4	14.3	-748.8	1.28	1.28	-0.14	
3,353.0	25.80	270.47	3,219.1	767.5	14.5	-767.9	0.64	0.36	-1.23	
3,397.0	26.28	269.88	3,258.6	786.8	14.6	-787.2	1.24	1,09	-1.34	
3,441.0	26.24	270.38	3,298.1	806.3	14.6	-806.7	0.51	-0.09	1.14	
3,485.0	25.80	270.91	3,337.6	825.5	14.8	-826.0	1.13	-1.00	1.20	
3,528.0	25.93	271.39	3,376.3	844.3	15.2	-844.8	0.57	0.30	1.12	
3,572.0	26.02	271,57	3,415.8	863.5	15.7	-864.0	0.27	0.20	0.41	
3,616.0	26.02	271.43	3,455.4	882.8	16.2	-883.3	0.14	0.00	-0.32	
3,660.0	25.62	270.95	3,495.0	902.0	16.6	-902.5	1.03	-0.91	-1.09	
3,704.0	23.86	270.17	3,534.9	920.4	16.8	-920.9	4.07	-4.00	-1.77	
3,747.0	23.25	269.41	3,574.4	937.6	16.7	-938.1	1.58	-1.42	-1.77	
3,791.0	22.72	268.49	3,614.9	954.7	16.4	-955.3	1.46	-1.20	-2.09	
3,835.0	21.88	268.75	3,655.6	971.4	16.0	-972.0	1.92	-1.91	0.59	
3,035.0	∠1.00	200.10	3,000.0	911.4	10.0	-912.0	1.92	-1.91	U.59	

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Sundry Number: 61063 API Well Number: 43047543090000

Payzone Directional

End of Well Report

Company: NEWFIELD EXPLORATION Local Co-ordinate Reference: Well 12-28-4-2E Project: USGS Myton SW (UT) TVD Reference: Site: SECTION 28 T4S, R2E 12-28-4-2E @ 5095.0usft (SS # 2) MD Reference: 12-28-4-2E @ 5095.0usft (SS # 2) Well: 12-28-4-2E North Reference Wellbore: True Wellbore #1 Survey Calculation Method Minimum Curvature Design: Actual Database: EDM 5000.1 Single User Db Survey MD Azi (azimuth) TVD V Sec E/W DLeg (usft) (°) (usft) (usft) (°/100usft) (°/100usft) (°/100usft) 3.879.0 21.36 269.50 3,696.5 987.6 15.8 -988.2 1.34 3,923.0 1,70 21.05 269.72 3,737.5 1,003.6 15.6 -1,004.1 0.73 -0.70 0.50 3,966.0 20.30 268.80 3,777.7 1,018.7 15.4 -1,019.3 1.90 -1.74 -2.14 4,010.0 20.74 270.07 3,818.9 1,034.2 15.3 -1,034,7 1.42 1.00 2.89 4.054.0 21.58 270.86 3,860.0 1.050 0 15.4 -1,050.6 2.02 1.91 1.80 4,098.0 21.84 271.57 3,900.9 1,066.3 15,8 -1,066,8 0.84 0.59 1.61 4,142.0 21 49 270.77 3,941.7 1.082.5 16.1 -1,083.1 1.04 -0.80 -1.82 4,185.0 21.21 270.07 3.9818 1,098.2 16.2 -1.098.788.0 -0.65 -1.63 4,229.0 21.35 269.45 4,022.8 1,114.1 16.2 -1,114.7 0.60 0.32 -1.41 4,273.0 21.40 269.28 4.063.8 1,130.2 16.0 -1.130.7 0.18 0.11 -0.39 4,317.0 22.15 269.90 4,104.6 1,146.5 15.9 -1,147.1 1.78 1.70 1.41 4.361.0 22.68 270.16 4,145.3 1,163.3 15.9 -1,163.8 1 23 1.20 0.59 4,404.0 23.51 269.81 4,184.9 1,180.1 15.9 -1,180.7 1.96 1.93 -0.81 4.448.0 23.59 270.96 4,225.2 1.197.7 16.0 -1,198.3 1.06 0.18 2.61 4,492.0 23.07 271.17 4,265.6 1,215.1 16.3 -1,215.7 1.20 -1.18 0.48 4,536.0 22,59 271.35 4,306.1 1.232.2 16.7 -1,232.8 1.10 -1.09 0.41 4,580.0 22.19 271.21 4,346.8 1,248.9 17.1 -1.249.5 0.92 -0.91 -0.32 4,624.0 22.15 270.82 4,387.6 1.265.5 17.4 -1,266.1 0.35 -0.09 -0.89 4,667.0 21.14 269.55 4,427.5 1,281.4 17.4 -1.282.02.59 -2.35 -2.95 4,711,0 20.13 268.36 4,468.7 1,296.9 17.1 -1,297.5 2.49 -2.30 -2.70 4.755.0 19.51 266.86 4,510,1 1,311.8 16.5 -1.312.4 1.82 -1.41 -3.41 4,799.0 18.50 265.68 4,551.7 1,326.1 15,6 -1,326.7 2.46 -2.30-2.68 4.843.0 17.84 265.15 4.593.5 1,339.8 14.5 -1,340.4 1.55 -1.50 -1.20 4,887.0 17.75 265.50 4,635.4 1,353.2 13.4 -1,353,8 0.32 -0.200.80 4,930.0 17.09 4.676.4 1.366.1 12.3 -1,366.6 1.57 -1.53 -1.02 4,974.0 16.70 264,40 4,718.5 1,378.8 11.2 -1,379.3 0.99 -0.89 -1.50 5,018.0 16.22 264.29 4,760.7 1.391.3 9.9 -1,391.7 1.09 -1.09

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COMPASS 5000.1 Build 70

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Design:

### Payzone Directional End of Well Report



 Company:
 NEWFIELD EXPLORATION

 Project:
 USGS Myton SW (UT)

 Site:
 SECTION 28 T4S, R2E

 Well:
 12-28-4-2E

 Wellbore:
 Wellbore #1

Actual

Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method:

Well 12-28-4-2E 12-28-4-2E @ 5095.0usft (SS # 2) 12-28-4-2E @ 5095.0usft (SS # 2) True Minimum Curvature

Minimum Curvature EDM 5000.1 Single User Db

	nomination of the Control of the Con		n de la companya de La companya de la co			Die Stelle Steller Ges				ATTEMPTOR
Survey										
MD Inc	) Az	ri (azimuth)	TVD	V. Sec	N/S	EW	DLeg	Build	Turn	
(usft) (°)		(°)	(usft)	(usft)	(usft)	Andrea and the second section of the second	the same of the sa	(100usft) (°	(100usft)	
5,062.0	15.47	263.74	4,803.1	1,403.2	8.7	-1,403.7	1.74	-1.70	-1.25	
5,108.0	14.68	262.91	4,847.5	1,415.1	7.3	-1,415.6	1.78	-1.72	-1.80	
5,151.0	13,93	261.15	4,889.2	1,425.7	5.8	-1,426.1	2.02	-1.74	-4.09	
5,195.0	13.23	260.49	4,931.9	1,435.9	4.2	-1,436.3	1.63	-1.59	-1.50	
5,239.0	12.61	259.79	4,974.8	1,445.6	2.5	-1,446.0	1.45	-1.41	-1.59	
5,285.0	11.95	259.08	5,019.8	1,455.3	0.7	-1,455.6	1.47	-1.43	-1.54	
5,329.0	11.25	259.08	5,062.9	1,464.0	-1.0	-1,464.3	1.59	-1,59	0.00	
5,372.0	10.37	258.73	5,105.1	1,472.0	-2.5	-1,472.2	2.05	-2.05	-0.81	
5,416.0	9.58	257.90	5,148.4	1,479.4	-4.1	-1,479.7	1.82	-1.80	-1.89	
5,460.0	9.01	257.24	5,191.9	1,486.4	-5.6	-1,486.6	1.32	-1.30	-1.50	
5,504.0	8.44	257.77	5,235.3	1,493.0	-7.0	-1,493.1	1.31	-1.30	1.20	
5,548.0	7.91	257.33	5,278.9	1,499.1	-8.4	-1,499.2	1.21	-1.20	-1.00	
5,591.0	7.56	256.40	5,321.5	1,504.8	-9.7	-1,504.9	0.86	-0.81	-2.16	
5,635.0	7.16	257.11	5,365.1	1,510.3	-11.0	-1,510.4	0.93	-0.91	1.61	
5,679.0	6.81	256.40	5,408.8	1,515.5	-12.2	-1,515.6	0.82	-0.80	-1.61	
5,725.0	6.50	256.49	5,454.5	1,520.7	-13.5	-1,520.7	0.67	-0.67	0.20	
5,769.0	6.20	257.59	5,498.2	1,525.5	-14.6	-1,525.5	0.74	-0.68	2.50	
5,812.0	5.93	258,43	5,541.0	1,529.9	-15.5	-1,529.9	0.66	-0.63	1.95	
5,856.0	5,48	258.26	5,584.8	1,534.2	-16.4	-1,534.2	1.02	-1.02	-0.39	
5,900.0	5.19	258.12	5,628.6	1,538.3	-17.2	-1,538.2	0.66	-0.66	-0.32	
5,946.0	4.75	257.68	5,674.4	1,542.2	-18.1	-1,542.1	0.96	-0,96	-0.96	
5,990.0	4.28	259.05	5,718.3	1,545.6	-18.8	-1,545.5	1.10	-1.07	3.11	
6,033.0	3.92	258.04	5,761.2	1,548.6	-19.4	-1,548.5	0.85	-0.84	-2.35	
6,077.0	3.60	256.89	5,805.1	1,551.4	-20.0	-1,551.3	0.75	-0.73	-2.61	
6,121.0	3.30	256.67	5,849.0	1,554.0	-20.6	-1,553.9	0.68	-0.68	-0.50	
6,165.0	3.08	254.34	5,892.9	1,556.4	-21.2	-1,556.3	0.58	-0.50	-5.30	
6,209.0	2.68	251.92	5,936.9	1,558.5	-21.9	-1,558.4	0.95	-0.91	-5.50	

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COMPASS 5000.1 Build 70



### **Payzone Directional** End of Well Report



Company Project:

Site

Well:

Wellbore Design:

NEWFIELD EXPLORATION USGS Myton SW (UT) SECTION 28 T4S, R2E 12-28-4-2E Wellbore #1

Actual

Local Co-ordinate Reference TVD Reference MD Reference: North Reference: Survey Calculation Method:

Well 12-28-4-2E 12-28-4-2E @ 5095.0usft (SS # 2) 12-28-4-2E @ 5095.0usft (SS # 2) True

EDM 5000.1 Single User Db

Survey DLeg (°/100usft) MD Azi (azimuth) TVD V. Sec N/S E/W (°/100usft) (usft) (usft) (°) 2.47 252.69 5,982.8 -1,560.4 6,255.0 1,560.5 -22.5 0.46 -0.46 1.67 6,298.0 2.20 251.39 6.025.8 1,562.2 -23.0 -1,562.0 0.64 -0.63 -3.026,342.0 249.15 6,069.8 1,563.7 -23,6 -1,563.6 2.02 0.45 -0.41 -5.09 245.24 6.113.7 6.386.0 1.71 1.565.1 -24.1-1.564.90.76 -0.70 -8.89 6,430.0 1.58 241.51 6,157.7 1,566.2 -24.7 -1,566.0 0.38 -0.30 -8.48 6.474.0 1.50 236.31 6.201.7 1.567.2 -25.3 -1.567.0 0.37 -0.18 -11 82 6,517.0 1,36 236,23 6,244.7 1,568,1 -25.9 -1,567.9 0.33 -0.33 -0.19 6,561.0 1.19 235.27 6,288.7 1,568.9 -26.4 -1,568.7 0.39 -0.39 -2.18 6,607.0 1.10 235.62 6,334.7 1,569.7 -27.0 -1,569.5 0.20 -0.20 0.76 6,651.0 1.01 229.11 6,378.7 1,570.4 -27.5 -1,570.1 0.34 -0.20 -14.80 6,694.0 0.88 222.87 6,421.7 1,570.9 -27.9 -1,570.6 0.39 -0.30 -14.51 6,738.0 0.75 218.17 6,465.6 1,571.3 -28.4 -1,571.0 0.33 -0.30 -10,68 6.782.0 0.75 219.84 6.509.6 1,571.7 -28.9 -1,571.4 0.05 0.00 3.80 6,826.0 0.70 214.79 6,553.6 1,572.0 -29.3 -1,571.7 0.18 -0.11 -11.48 6.870.0 0.66 219.97 6.597.6 1.572.3 -29.7 -1,572.1 0.17 -0.09 11.77 6,914.0 0.57 215.71 6,641.6 1,572.6 -30.1 -1,572.4 0.23 -0.20 -9.68 6.958.0 0.53 214.39 6,685,6 1.572.9 -30.4-1,572.6 0.10 -0.09 -3.00 7,001.0 0.48 210.70 6,728.6 1,573.1 -30.8 -1,572.8 0.14 -0.12 -8.58 7,045,0 0,44 213.87 6,772.6 1,573.3 -31.1 -1,573.0 7.20 0,11 -0.09 7,089.0 0.35 214.52 6,816.6 1,573.5 -31.3 -1,573.2 0.20 -0.20 1.48 7,133.0 0.31 223.88 6,860.6 1,573.6 -31.5 -1,573.3 0.15 21,27 -0.09 7,177.0 0.32 239.50 6,904.6 1,573.8 -31.7 -1,573.5 0.20 0.02 35.50 7,199.0 0.13 202.83 6,926.6 1,573.9 -31.7 -1,573.6 1.04 -0.86 -166.68 7.249.0 0.13 202.83 6.976.6 1.573.9 -31.8 -1,573.6 0.00 0.00 0.00

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Charlend Bur	A	Datas	
Luecked By:	Approved By:	Date:	i

1/5/2015 8:27:22AM

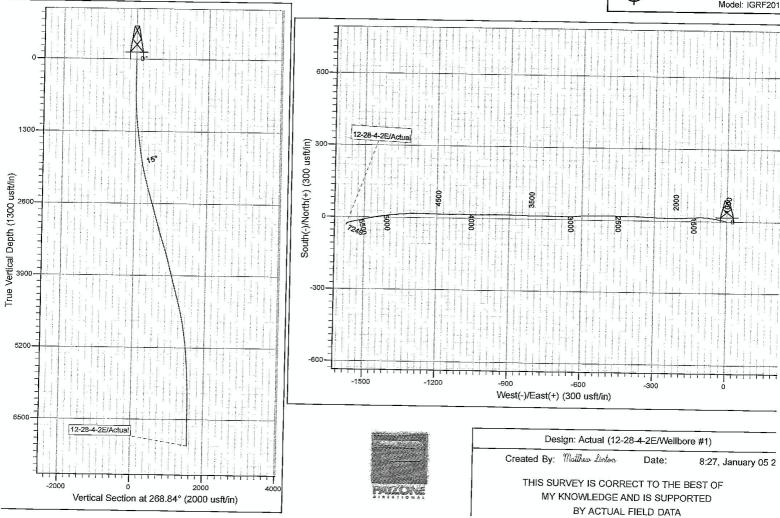
Page 8

COMPASS 5000.1 Build 70

Sundry Tumber LD61063 API Well Project: USGS Myton SW 417 A 3090000 Well: 12-28-4-2E Wellbore: Wellbore #1 Design: Actual

Azimuths to True North Magnetic North: 10.75°

Magnetic Field Strength: 51998.9snT Dip Angle: 65.81° Date: 12/21/2014 Model: IGRF2010



NEWFIELD

# **Summary Rig Activity**

Well Name: Ute Tribal 12-28-4-2E

b Category			Job Start Date	Job End Date
aily Operation				
1/15/2015		nr Activity Summary un CBL. Press test Csg, Valves & Blind		
tart Time	09:00	End Time 11:30	WELL W/ 0 PSI, LOG SHORT JO SWI	RIH W/ CEMENT BOND LOG TOOLS, TAG @ 7178', PBTD @ 7158', LOG DINT @ 4585-4596, ESTIMATED CEMENT TOP @ 60' LD LOGGING TOOLS
iart Time	11:30	End Time 14:00	COMPONENTS TO 250 PSI 5-MII	IIT, TEST HYD CHAMBERS ON BOPS, TEST CSG, FRAC STACK & ALL IN LOW & 6200 PSI 10 & 30-MIN HIGHS, ALL GOOD
tart Time	14:00	End Time 15:0(		E SLICK GUNS ( .34 EHD, 16 GR CHG, 21" PEN, 3 SPF), PERFORATE 47', 6990-92', 6948-50', 6926-27', (21 HOLES), POOH W/WIRELINE, LD JE
tart Time	15:00	End Time 00:00	Comment SDFN	
2port Start Date 1/19/2015		nr Activity Summary ac & Flow back Well	•	
tart Time	00:00	End Time 07:00	Comment SDFN	
art Time	07:00	End Time 08:00	Comment	nes & Pump To 10000psi Set Kick Outs to 6200psi
art Time	08:00	End Time 09:30	Comment	Formations W/ 68,475# 20/40 white sand, 7,265# 20/40 CRC 75,740# Total,
art Time	09:30	End Time 10:15	Comment (Stg #2) RU Extreme wireline, Pre 120 deg phasing, 16 gram charges	ress test lube to 4,000 psi, MU RIH w/ 3 1/8" disposable slick guns ( .34 EHD ss, 3 spf), Set CBP Plug @ 6910' Perforate BSCARB Formation @ 6876-6878' 6847-48', 6829-30', ( 21-Holes)', POOH RD wireline, SWI
art Time	10:15	End Time 11:45	Comment ( Stg #2 17# Frac) Frac BSCARB total bbls. ISIP 1983 psi W/ .74 FG	3 W/40,500# 30/50 White Sand & 5,048# 30/50 CRC) 45,548 Total pump 151
art Time	11:45	End Time 12:30	guns (.34 EHD, 180 deg phasing, @ 6629-32', & The CP-2 @ 6503-0	e, Press test lube to 4,000 psi, MU RIH W/ CFTP & 3 1/8" disposable slick I, 16 gram charges, 3 spf), Set CFTP @ 6710" & Perforate the CP-4 Formation 04', 6497-98', (15-Holes) POOH RD wireline, SWI
tart Time	12:30	End Time 13:30	Comment   ( Stg #3 17# Frac) CP-4/2 formati   total 696 bbls ISIP 1164 psi W/.61	tions W/ 63,080# 20/40 White Sand & 7,660# 20/40 CRC 70,740# Total pump FG
art Time	13:30	End Time 14:15	180 deg phasing, 16 gram charges	ess test lube to 4,000 psi, MU RIH w/ 3 1/8" disposable slick guns (.34 EHD, s, 3 spt), Set CFT Plug @ 6470' Perforate LBLKSH Formation @ 6441-43', 4-55', (21-Holes)', POOH RD wireline, SWI
art Time	14:15	End Time 15:45	Comment	ations W/ 94,372# 30/50 White Sand & 11,158# 30/50 CRC 105,530# Total
art Time	15:45	End Time 16:30		ess test lube to 4,000 psi, MU RIH w/ 3 1/8" disposable slick guns ( .34 EHD, s, 3 spl), Set CFT Plug @ 6200' Perforate BICARB Formation @ 6142-6143',

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NEWHOLD Number: 61063 API Well Number: 43047543090000 Summary Rig Activity

Well Name: Ute Tribal 12-28-4-2E

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Start Time		End Time	
tart Time	16:30	18:00	Comment (Stg #5 17# Frac) BICARB formations W/ 49,293# 30/50 White Sand & 6,107# 30/50 CRC 55,400# Total pun 1645 total bbls ISIP 1421 psi W/ .67 FG
Start Time	18:00	End Time 18:46	Comment (Stg #6) RU Extreme wireline, Press test lube to 4,000 psi, MU RIH w/ 3 1/8" disposable slick guns ( .34 EHD 180 deg phasing, 16 gram charges, 2 spf), Set CFT Plug @ 5980' Perforate D-3 Formation @ 5907-09', 5899-0
tart Time	18:45	19:45	Comment ( Stg #6 17# Frac) D-3 & DS formations W/85,700# 20/40 White & 10,380# 20/40 CRC Sand 96,080 Total pump 753 total bbls ISIP 2072 psi W/ .79 FG
Report Start Date	19:45 Report End Date	End Time 00:00	Comment SDFN
1/20/2015 tart Time	1/21/2015	Finish frac & Flow Back	
Start Time	00:00	End Time 06:00	Comment SDFN
Start Time	06:00	End Time 06:45	Commest (Stg #7) RU Extreme wireline, Press test tube to 4,000 psi, MU RIH w/ 3 1/8" disposable slick guns (.34 EHD, 180 deg phasing, 16 gram charges, 3 spf), Set CFT Plug @ 5330' Perforate GB-4 Formation @ 5252-54', 5226-27', 5221-22', & The GG-1 @ 4995-96', (15-Holes)', POOH RD wireline, SWI
	06:45	End Time 08:15	Comment ( Stg #7 17# Frac) GB-4 & GG-1 formations W/ 63,350# 20/40 White Sand & 6,990 20/40 CRC Sand pump 485 SCREENED OUT W/26,000 left in pipe total bbls
tart Time art Time	08:15	End Time 09:45	Comment Open Well To Flow Back to Pit on 64/64 choke Flow Back Sand & Gel Flow Back150 bbls
eport Start Date	09:45 Report End Date	End Time 00:00	Comment Switch Well To Flow Back Tks Flow Back @ 1 bpm flow back 1,000 bbls
1/21/2015	1/22/2015	24hr Activity Summary Flow Back Well Set Kill Plugs. MIRU ND Frac Sta	
art Time	00:00	End Time 11:00	Comment Flow Back Well 1487 BBis Total
art Time	11:00	End Time 15:30	Comment: RIH W/ CBP Set @ 4895' Start to POOH Setting Tool & CCL hang up @ 4862' work tools up hole to 4831' Pull of rope socket POOH W/ wire Fish top @ 4831 + or -
art Time	15:30	End Time 16:30	Comment ND Frac Stack & Tree Saver Sleave
art Time	16:30	End Time 17:30	Comment RU BOPs
port Start Date	17:30 Report End Date	End Time 00:00	Comment SDFN
1/22/2015	1/23/2015		g Tools Fish W/L Tools POOH LD Fishing Tools & Fish
urt Time	00:00	06:00	Comment SDFN
art Time	06:00	End Time 07:00	Comment Travel time Safety Meeting JSA Start Equipment
	07:00	End Time 08:30	Comment RU B& C PRESS TEST BOPs

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Report Printed: 2/23/2015

NEWFIELD

# Summary Rig Activity

Well Name: Ute Tribal 12-28-4-2E

Start Time		End Time	Comment
	08:30	11:00	SPOT RIG, PREP TO R.U, R.U, R.U FLOOR & TONGS, UNLOAD PERP & TALLY PIPE, WAIT ON MBT TO MOVE OFF, SPOT PUMP & TANKS, R.U PUMP & LINES
tart Time	11:00	End Time 15:00	Comment M.U & RIH W/ 2 7/8" OVER SHOT, OVERSHOT EX, 2 7/8" X 2 3/8" XO, 2 3/8 DRAIN SUB, BUMPER SUB, JARS, 2 3/8" X 2 7/8" XO, 149 JTS 2 7/8" L-80,TAG FILL @ 4822' MAKE UP WASH JNT
art Time	15:00	End Time 16:00	Comment WASHED THROUGH 30' OF FILL TO FISH, LATCHED ONTO FISH, @ 4852' CIRC CLEAN
art Time	16:00	End Time 17:30	Comment L. D WASH JNT, POOH W/ 149 JNTS, 2 7/8" L-80, L.D FISHING TOOLS
tart Time	17:30	End Time 18:00	Comment SWI, TARP W.H, CLEAN UP FOR THE NIGHT
tart Time	18:00	End Time 19:00	Comment Travel time
tart Time	19:00	End Time 00:00	Comment SDFN
1/23/2015		ivity Summary Out Well	
art Time	00:00	End Time 06:00	Comment SDFN
tart Time	06:00	End Time 07:00	Comment Travel time Safety Meeting JSA Start Equipment
tart Time	07:00	End Time 07:30	Comment CSG 0 PSI, RIG MAINTAINANCE
tart Time	07:30	End Time 08:30	Comment M.J & RIH W/ BIT, BIT SUB, 153 JNTS 2 7/8" L-80, TAGGED @, L.D 1 JNT
tart Time	08:30	End Time 15:00	Comment R.U SWIVEL, TAGGED FILL @ 4865', WASHED THROUGH 30' OF FILL TO K.P @ 4895, JNT 153, 25 MIN MILL TIME, NO PSI UNDER PLUG, TAGGED FILL @ 4930', WASHED THROUGH 400' OF FILL TO PLUG # 6 @ 5330', 30 MIN MILL TIME, NO PSI UNDER PLUG, RACKED OUT SWIVEL, P.U & RIH W/ 19 JNTS, TAGGE FILL @ 5930, LD 1 JNT, WHILE R.U SWIVEL CAUGH A HYD HOSE ON STIFF ARM AND BROKE OFF A NIPPLE, RACK OUT SWIVEL
art Time	15:00	End Time 16:00	COMMENT CHANGED OUT LIFTING RAM, EQUIP MAINTAINANCE, WHILE WAITING ON NEW SWIVEL
art Time	16:00	End Time 18:00	Comment R.U SWIVEL, TAGGED FILL @ 5930', WASHED THROUGH 60' OF FILL TO PLUG # 5 @ 5990', JNT 187, 30 MIN MILL TIME, NO PSI UNDER PLUG, CIRC CLEAN
art Time	18:00	End Time 19:00	Comment SWI, DRAIN PUMP & LINES, TARP W.H, CLEAN UP FOR THE NIGHT
art Time	19:00	End Time 20:00	Comment CREW TRAVEL
lart Time	20:00	End Time 00:00	Comment SDFN

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NEWELL Number: 61063 API Well Number: 43047543090000 Summary Rig Activity

Well Name: Ute Tribal 12-28-4-2E

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1/26/2015	Report End Date 24hr 1/27/2015 Fini	Activity Summary ish Clean Out Trip Tbg	
tart Time	7 111	End Time	
	00:00	06:00	Comment SDFN
tart Time	06:00	End Time	Comment
tart Time		End Time 07:00	Travel time Safety Meeting JSA Start Equipment
	07:00	08:00	Comment CSG 100 PSI, TBG 100 PSI, RIG MAINTAINANCE, PUMP 10 IBBL KILL ON TBG
art Time	08:00	End Time 16:00	Comment SWIVLED IN 7 JNTS TAGGED FILL @ 6180', WASHED THROUGH 30' OF FILL TO PLUG # 4 @ 6210', JNT 194, 60 MIN MILL TIME, NO PSI, TAGGED FILL @ 6440', WASHED THROUGH 30' OF FILL TO PLUG # 3 @ 6470, JNT # 202, 40 MIN MILL TIME, NO PSI, TAGGED FILL @ 6670', WASHED THROUGH 30' OF FILL TO PLUG # 2 @ 6700', JNT # 209, 40 MIN MILL TIME, NO PSI, TAGGED PLUG # 1 @ 6910', JNT 216, NO FILL, MIN MILL TIME, NO PSI, TAGGED FILL @ 7125, WASHED THROUGH 90' OF FILL TO P.B @ 7215', CIRC CLEAN, RACK OUT SWIVEL
art Time	16:00	End Time 18:00	Comment POOH W/ 220 JNTS 2 7/6" L-80, BIT SUB & BIT
rt Time	18:00	End Time 19:00	Comment M.U & RIH W/ N.C, 1 JNT 2 7/8" L-80, S.H TAC, 1 JNT 2 2/8" L-80, S.N, 60 JNTS 2 7/8" L-80
	19:00	End Time 19:30	Comment SWI, DRAIN PUMP & LINES, TARP W.H, CLEAN UP FOR THE NIGHT
rt Time	19:30	End Time 20:30	Comment CREW TRAVEL
oort Start Date	20:30 Report End Date 124hr A	End Time 00:00 ctivity Summary	Comment SDFN
1/27/2015 rt Time		h RIH W/ Tbg PU & RIH W/ Rods	
rt Time	00:00	06:00	Comment SDFN
t Time	06:00	07:00	Comment Travel time Safety Meeting JSA Start Equipment
t Time	07:00	07:30	Comment CSG 50 PSI, TBG 50 PSI, OPENED CSG TO PIT TO KILL TBG, R.U RETURN LINE
	07:30	End Time 09:00	Comment RIH W/ 140 JNTS 2 7/8" L-80, SET TAC W/ 18,000 TENSION, LAND WELL
Time	09:00	End Time 10:30	Comment R.D FLOOR & TONGS, N.D D.O STACK, N.U D.O STACK ON 11-28-4-2E, N.U W.H, XO TO ROD EQUIP, SPOT ROD TRAILER
THINE	10:30	End Time 13:30	Comment P.U & PRIME PUMP, M.U & RIH W/ 2 1/2" X 1 3/4" X 22' RHAC, 32 7/8" 8 PER W/ GUIDED BOXS, 153 3/4" 8 PER W/ GUIDED BOXS, 93 7/8" 8 PER W/ GUIDED BOXS, 7/8" X 8' 2' PONYS, 30' POLISH ROD

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Report Printed: 2/23/2015



# **Summary Rig Activity**

Well Name: Ute Tribal 12-28-4-2E

Start Time	13:30 End Time 13:30 14:30		1:30	Comment TBG WAS FUIL., S.T PUMP TO 800 PSI, BRIDLED HEAD TO HANG IT, 145" S.L PWO @ 14:30	
Start Time	14:30	End Time	3:00	Comment PREP TO R.D, R.D, PREP RIG TO MOVE SPOT IN PIPE RACKS UNLOAD TBG FOR THE 11-28-2E	
Start Time	16:00	End Time 17	7:30	Comment SPOT RIG, PREP TO R.U, R.U, R.U FLOOR & TONGS on 11-28-4-2E	
Start Time	17:30	End Time	9:00	Comment PREP & TALLY TBG, M.U & RIH W/ BIT & BIT SUB, 40 JNTS 2 7/8" L-80	
Start Time	19:00	End Time	9:30	Comment SWI, DRAIN LINES, TARP W.H, CLEAN UP FOR THE NIGHT	
Start Time	19:30	End Time 20	0:30	Comment CREW TRAVEL	

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RECEIVED: Feb. 24, 2015

	FORM 9				
ı	5.LEASE DESIGNATION AND SERIAL NUMBER: 1420H626499				
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for procurrent bottom-hole depth, IFOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Ute Tribal 12-28-4-2E				
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	9. API NUMBER: 43047543090000				
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	9. FIELD and POOL or WILDCAT: LELAND BENCH				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2091 FSL 2204 FWL	COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NESW Section: 2	STATE: UTAH				
11. CHECI	K APPROPRIATE BOXES TO INDIC.	ATE N	ATURE OF NOTICE, REPOR	T, OR OTHER DATA	
TYPE OF SUBMISSION					
	ACIDIZE		ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME	
Approximate date work will start:	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ F	RACTURE TREAT	☐ NEW CONSTRUCTION	
·	OPERATOR CHANGE		PLUG AND ABANDON	PLUG BACK	
	✓ PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORM	MATION
SPUD REPORT Date of Spud:					ATION
	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON	
✓ DRILLING REPORT	L TUBING REPAIR		/ENT OR FLARE	☐ WATER DISPOSAL ☐	
Report Date: 1/29/2015	WATER SHUTOFF		SI TA STATUS EXTENSION	APD EXTENSION	
	WILDCAT WELL DETERMINATION		OTHER	OTHER:	
The above well w	completed operations. Clearly shown as placed on production of the constant sundry re-sent due UDOGM well file.	n 01	/29/2015 at 18:30	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD July 07, 2015	
NAME (DI EACE DOINT)	BUONE NUM	ADED.	TITLE		
NAME (PLEASE PRINT) Jennifer Peatross	<b>PHONE NUN</b> 435 646-4885	TITLE Production Technician			
SIGNATURE N/A		<b>DATE</b> 6/23/2015			